U.S. WEATHER BUREAU SUMMARY OF CLIMATOLOGICAL DATA SECTION 69 NORTHERN OHIO

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OHIO STATE
UNIVERSITY

GEOLOGICAL SURVEY OF OHIO.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

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SUMMARY OF THE CLIMATOLOGICAL DATA FOR THE UNITED STATES, BY SECTIONS.

By the Climatological Division, P. C. DAY, Chief of Division.

SECTION 69—NORTHERN OHIO.

This section includes the territory drained by the streams in northern Ohio that flow into Lake Erie, the headwaters of the Mahoning River, and the extreme northern portion of the Muskingum drainage area.

The portion of Ohio in the Lake Erie drainage embraces an area of about 12,000 square miles. In the eastern part of this area the streams are generally not over 50 miles in length but the rate of fall is great because the elevation of the divide in this neighborhood is from 400 to 600 feet above that of Lake Erie. The following table from Part IV of the U. S. Geological Report for 1896–97 indicates the average rate of descent of the more important streams:

TABLE SHOWING RATE OF DESCENT OF TRIBUTARIES OF LAKE ERIE.

Stream.	Altitude of source, feet.	Estimated length, miles.	Fall per mile, feet.
Conneaut Creek	1,080	40	12.67
Grand River	900	50	6.54
Chagrin River	1,200	35	17.9
Cuyahoga Biver (above falls)	1,200	48	4.5
Cuyahoga River (at falls)	985	2	110.0
Cuyahoga River (below falls)	765	35	5.5
Rocky River	1,100	30	17.6
Black River	1,100	50	10.5
Vermilion River	1,200	45	14.0
Huron River	1,100	40	13.2
Sandusky River	1,150	90	6.4
Maumee River	737	150	1.1

All of the smaller streams have a very small waterflow during dry weather, but nearly all furnish power for important mills during the spring and fall.

The Sandusky River drains an area of 1,581 square miles. This area is entirely in the glaciated district and has the level plains and rolling elevations characteristic of such. The basin consists of ordinary agricultural land interspersed with small patches of timber. Near its head this river has a fall of about 28 feet per mile but it is soon reduced to about 7 feet per mile, and below Fremont it becomes sluggish and winds in and out through low, flat, and in many places, marshy land.

The area of the Maumee basin is 6,344 square miles, of which 4,702 are in Ohio, 1,303 in Indiana, and 339 in Michigan. This basin is in the glaciated area with level plains and rolling elevations. The large central area is taken up by a fertile, nearly level plain, while the outer edges, especially to the north and west, are more hilly. The basin is west of the Cincinnati axis or anticline. The Tiffin and Auglaize rivers flow into the Maumee River at Defiance. The Auglaize River has two tributaries, the Blanchard and Ottawa rivers.

TEMPERATURE.

The average annual temperature for Section No. 69 is 49.3°. The highest annual mean at any of the stations included in this report is 51°, at Upper Sandusky, and the lowest 47°, at Garrettsville. July is the warmest month. There are quite a number of stations in northern Ohio where the recorded temperature never has passed 100°. These are located near Lake Erie or at moderately high elevations. At a number of points the temperature has been as high or even slightly higher in June and August than in July. At Cleveland the highest temperature for July is 97°; for September, 98°; and for August, 99°. At Upper Sandusky the temperature has reached 101° in September, or as high as in July and higher than in August. The temperature has been above 90° at all the stations in this Section during every month from May to September, inclusive, and at part of the stations every month from April to October, inclusive. Higher temperatures have been recorded in January than in December or February.

The average monthly temperature is lowest for the month of February, except at those stations that are near the Lake and at those having a record of 26 years or over. At these places January averages coldest. The lowest temperatures have been recorded in January or February. The temperature has been below zero at all stations during the months of December, January, February, and March, and at a few places it has been below zero in November. A temperature below freezing has been recorded in some part of the district every month except July and August. At Toledo and Sandusky, both on Lake Erie, the lowest temperature ever recorded is —16°, while at Wauseon it is —32°.

PRECIPITATION.

The average annual precipitation for this district is 36.5 inches. The greatest average precipitation is in Lake and northern Geauga counties. This is on the northern side of the divide where the gradient from the Lake is steepest, and corresponds with the district of heaviest snowfall. The least precipitation is in the Maumee valley in the western part of the district.

The distribution of rainfall through the year is very uniform. Rainfalls of over 10 inches in one calendar month are not frequent, and monthly falls of less than one-half inch are rare. The heaviest monthly precipitation at Toledo in a record covering 48 years is 10.19 inches in September, 1865. The least at this station is 0.08 inch in February,

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1877. At Cleveland in a record covering 54 years the greatest monthly rainfall is 10.53 inches in June, 1855, and the least 0.17 inch in August, 1881.

The snowfall averages greatest in the northeastern part of this district, where it exceeds 60 inches. At Hillhouse, in southern Lake County, the average annual snowfall is 61.6 inches. In the southwestern part of the Section the annual fall is not quite 30 inches. Appreciable amounts of snow have occurred in every month from October to May, inclusive, and a trace has fallen at a number of points in September and at two places near the Lake in June.

FROST.

The average date of the first killing frost in the fall varies from September 27 at Wauseon to October 31 at Cleveland. The earliest date on which a killing frost has been observed is September 2 at Wauseon and September 14 at most other places. At Cleveland, however, the earliest date of killing frost is October 2, and at Sandusky October 8.

The average date of the last killing frost in the spring varies from April 14 at Sandusky to May 18 at Garrettsville. The latest dates on which killing frosts have occurred in the spring are May 21 at Akron and Canton, and June 21 at Hillhouse.

Thus at Sandusky the length of the crop growing season, from the average date of the last killing frost in spring to the average date of the first killing frost in autumn, is 195 days, while at Garrettsville it is 144 days.

MISCELLANEOUS.

The average number of rainy days for this Section is 122. The prevailing wind direction is southwest, although at Cleveland the prevailing wind is southeast. The average relative humidity is 74%.

J. WARREN SMITH, SECTION DIRECTOR.

Precipitation in Northern Ohio. Monthly, annual and average amounts (in inches and hundredths).

[Figures in bold-face type estimated from surrounding stations.]

Akron, Summit County
Elevation, 1,081 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1887	.....	.....	.....	.....	1.62	4.12	3.14	4.01	1.47	0.94	2.34	2.00	.....
1888	2.74	1.61	2.55	1.26	2.90	3.09	4.31	6.05	3.43	3.03	4.20	1.46	36.63
1889	2.61	1.06	2.36	1.70	3.34	6.34	2.42	1.83	4.42	1.42	3.09	3.37	33.96
1890	3.99	4.99	4.03	3.21	7.33	4.02	2.16	4.83	6.56	6.23	3.26	2.48	53.09
1891	2.04	3.26	3.47	2.18	2.15	7.02	3.22	2.67	0.95	1.45	5.06	2.53	36.00
1892	2.35	3.45	3.70	1.47	7.71	8.38	7.08	4.82	2.03	0.82	1.62	1.50	44.93
1893	3.02	5.79	2.88	5.49	6.23	1.71	3.33	2.23	1.27	4.92	1.58	2.75	41.20
1894	2.30	3.25	2.23	2.82	4.52	1.97	1.14	0.28	5.28	2.15	2.53	2.68	31.15
1895	3.69	1.18	2.26	1.98	1.74	1.97	2.08	5.22	2.44	1.17	4.46	4.95	33.14
1896	1.78	3.21	3.20	5.06	2.52	7.79	8.49	1.55	4.75	0.81	1.77	3.04	43.97
1897	1.92	2.65	4.30	1.66	5.13	1.55	5.06	2.98	1.07	1.65	**6.15**	1.74	35.86
1898	4.51	2.76	5.38	2.77	3.96	1.76	3.33	5.65	3.56	4.70	3.89	2.71	44.98
1899	2.98	1.20	2.84	1.69	6.32	1.79	3.57	2.58	3.55	2.73	1.68	2.33	33.26
1900	1.95	3.35	1.66	2.01	1.50	2.83	6.03	3.79	3.22	1.38	3.86	1.12	32.70
1901	1.67	1.35	3.33	4.17	3.45	2.31	3.77	4.20	4.98	0.72	1.83	3.63	35.41
1902	1.10	1.15	2.54	2.12	3.33	7.29	5.57	1.54	3.67	1.33	2.24	3.53	35.41
1903	2.59	3.81	2.69	3.86	1.38	2.46	4.87	7.05	0.89	2.49	2.39	3.17	37.65
1904	4.40	3.62	4.55	4.15	4.96	2.68	5.87	**3.53**	**1.94**	1.24	1.11	2.62	41.07
1905	2.04	1.45	2.79	3.03	5.99	3.93	3.97	3.47	3.11	1.75	1.85	1.27	34.65
1906	0.96	0.73	2.22	1.19	1.48	2.29	4.62	5.37	2.98	3.27	1.84	3.23	30.18
1907	4.41	1.33	4.06	2.40	3.36	3.62	2.64	1.75	3.58	3.60	0.84	2.28	33.87
1908	1.63	3.07	4.85	2.91	5.48	1.87	3.53	2.33	1.47	1.14	1.08	2.54	31.90
Mns	2.60	2.58	3.23	2.72	3.93	3.67	4.10	3.55	3.03	2.22	2.67	2.59	36.89

Ashland, Ashland County
Elevation, 1,079 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1888	.....	.....	.....	.....	.....	.....	.....	2.87	2.63	2.87	3.58	1.34	.....
1889	2.90	1.41	2.01	1.95	2.83	6.04	4.23	2.33	3.10	0.89	3.75	3.59	35.03
1890	4.42	5.50	3.89	2.99	7.42	3.93	1.45	5.44	4.53	5.49	2.19	1.82	49.07
1891	2.67	3.91	3.87	2.33	1.69	4.10	2.39	3.15	1.07	1.73	6.14	3.23	36.28
1892	5.07	2.54	3.16	2.66	7.86	5.53	3.46	3.30	1.11	0.97	2.28	1.55	39.49
1893	4.11	6.10	1.91	6.30	7.33	2.23	2.92	1.54	**1.62**	**4.46**	2.22	2.52	43.26
1894	2.43	2.75	1.84	2.55	4.90	2.12	1.00	0.29	2.24	1.74	2.76	2.35	26.97
1895	4.83	1.45	1.52	2.15	2.06	3.36	2.00	3.07	2.33	1.26	4.41	4.20	32.64
1896	1.58	2.43	5.12	3.84	3.09	3.70	7.20	3.41	6.21	0.68	2.18	2.81	42.25
1897	2.33	2.51	3.63	2.75	4.58	3.51	3.62	4.37	0.18	0.67	5.25	1.56	34.96
1898	4.99	3.03	5.33	2.57	3.64	2.16	2.51	4.74	**3.13**	4.19	3.76	2.49	42.54
1899	2.16	1.24	2.71	0.69	4.50	3.67	3.92	1.13	3.13	2.63	1.71	3.10	30.59
1900	1.63	2.77	3.39	2.29	1.75	4.02	7.41	5.85	1.69	1.62	3.23	2.11	37.76
1901	1.83	1.05	2.69	1.92	5.45	.....	.....	.....	.....	.....	.....	.....	.....
Mns	3.15	2.82	3.16	2.69	4.39	3.70	3.51	3.19	2.54	2.25	3.34	2.51	37.25

Ashtabula, Ashtabula County
Elevation, 625 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1891	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.10	1.71	.....
1892	2.89	3.10	2.55	1.26	9.51	6.64	1.88	3.26	4.56	2.31	4.64	2.71	45.31
1893	2.21	4.60	2.12	4.89	7.93	2.24	1.29	3.54	1.02	6.09	3.23	5.03	44.19
1894	2.15	1.23	1.77	2.34	4.18	4.34	1.90	0.18	5.42	4.91	2.98	2.28	33.68
1895	3.44	1.21	1.75	1.67	2.40	2.73	1.86	3.15	5.85	2.97	4.63	3.82	35.48
1896	2.34	4.09	3.80	2.96	2.03	6.14	4.37	2.17	4.82	1.93	3.18	1.90	39.73
1897	5.05	2.35	3.25	2.27	2.71	2.65	10.69	5.86	0.54	2.21	5.11	3.12	45.81
1898	4.41	2.17	2.37	2.50	2.79	3.84	2.40	3.20	2.44	5.59	4.15	4.64	40.50
1899	3.12	3.30	4.90	1.25	6.70	1.75	2.75	0.50	4.30	2.30	1.90	7.60	40.37
1900	3.30	4.55	1.93	1.80	1.00	0.81	5.65	1.85	2.00	1.50	5.50	1.61	31.50
1901	1.85	1.90	2.15	2.72	4.20	3.80	1.50	2.45	.....	.....	.....	.....	.....
Mns	3.08	2.85	2.66	2.37	4.34	3.49	3.43	2.61	3.44	3.31	3.74	3.44	38.76

Note—Values prior to January, 1897, are for Harbor, about one and one-half miles north of Ashtabula.

Atwater, Portage County
Elevation, 1,120 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1894	.....	.....	.....	.....	4.33	1.39	3.21	0.15	4.16	1.86	3.05	2.67	.....
1895	3.85	0.84	1.94	1.37	2.25	2.78	2.70	3.43	2.23	1.23	3.56	4.85	31.03
1896	1.90	3.03	2.66	5.88	1.99	4.36	7.23	2.12	5.00	1.24	1.65	3.00	40.06
1897	2.50	3.87	3.60	3.22	3.02	2.41	4.60	3.72	2.04	0.60	4.96	1.84	36.38
1898	4.37	2.14	5.37	2.55	4.25	2.60	6.90	5.20	2.26	3.45	2.87	2.49	44.45
1899	2.43	1.61	4.06	1.67	5.54	2.15	3.33	1.84	3.82	1.97	1.58	3.02	33.02
1900	2.50	3.46	3.98	1.57	1.95	3.48	8.17	2.41	2.82	1.99	4.13	1.47	37.93
1901	2.20	1.10	4.63	5.18	3.95	4.54	2.18	2.68	4.53	0.53	2.47	3.71	37.70
1902	1.40	0.94	2.30	3.84	3.72	7.93	4.72	1.62	3.35	2.09	1.58	4.62	38.11
1903	2.25	4.01	4.20	4.37	1.67	**4.00**	6.76	6.50	0.87	2.88	2.44	1.99	41.94
1904	4.85	3.21	5.25	6.25	6.02	2.33	3.65	4.10	1.21	1.70	0.92	1.85	41.34
1905	1.60	1.71	2.54	2.53	4.55	6.82	6.39	6.78	2.48	2.90	2.46	2.14	42.90
1906	1.42	0.75	3.25	1.95	2.19	4.27	5.34	3.54	4.03	4.01	2.36	3.93	37.04
Mns	2.67	2.22	3.65	3.36	3.49	3.77	5.01	3.39	2.98	2.03	2.62	2.89	38.08

Auburn, Geauga County

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1857	.....	.....	2.15	4.10	5.52	10.79	5.34	4.02	2.46	5.89	6.55	4.01	.....
1858	1.67	2.45	2.37	5.39	7.82	4.71	6.29	3.67	1.44	3.02	4.06	6.16	49.05
1859	3.50	4.28	6.77	4.53	3.60	4.64	2.27	4.60	3.79	4.55	6.99	6.63	56.15
1860	.....	4.44	4.08	6.93	3.71	2.48	5.90	4.62	2.56	5.30	8.42	4.61	.....
1861	3.12	3.09	3.56	5.50	4.62	2.38	4.15	4.54	4.38	3.31	5.83	2.15	46.63
1862	4.88	3.51	3.52	3.89	3.69	5.58	4.79	0.83	1.76	3.15	4.40	5.45	45.45
1863	6.00	4.85	3.52	1.20	3.25	2.82	2.47	6.09	1.63	4.57	4.61	3.67	44.68
1864	3.76	3.05	3.49	4.68	4.42	1.17	5.13	8.25	7.36	2.79	4.19	5.22	53.51
1865	3.56	2.30	5.36	3.97	4.90	6.31	7.42	2.90	9.84	3.90	2.02	3.81	56.29
1866	3.35	3.48	5.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1892	.....	.....	.....	.....	.....	.....	.....	4.01	2.25	1.90	2.05	1.82	.....
1893	2.46	3.98	3.18	4.82	7.06	3.67	2.36	3.91	1.01	3.40	1.82	3.76	41.43
1894	2.43	3.13	2.19	3.28	4.28	2.76	2.12	0.12	4.60	1.49	2.73	3.25	32.38
1895	3.30	1.21	1.54	2.05	2.43	1.33	2.22	4.45	3.13	1.36	5.33	5.00	33.35
1896	1.53	3.01	2.75	4.50	2.09	5.93	4.69	4.08	4.46	0.93	2.05	1.71	37.73
1897	1.58	2.05	4.23	2.23	4.32	1.55	7.65	.....	.....	.....	.....	.....	.....
Mns	3.16	3.20	3.62	4.08	4.41	4.01	4.49	4.01	3.62	3.25	4.36	4.09	46.30

Note—Values for 1857 to 1866 are for Welshfield, about five miles east of Auburn.

Bissells, Geauga County

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1892	.....	.....	.....	.....	.....	.....	.....	2.88	2.39	2.43	2.61	0.86	.....
1893	2.27	3.87	2.64	4.30	9.01	1.92	2.16	3.38	0.95	4.95	1.96	3.78	41.19
1894	2.67	3.20	2.81	2.82	4.02	3.41	2.05	0.42	5.27	2.46	2.50	2.53	34.16
1895	3.70	1.37	1.76	1.67	1.61	1.67	1.85	6.14	3.15	1.54	4.59	4.46	33.51
1896	1.45	3.23	2.90	3.25	2.05	7.34	5.19	4.10	4.20	1.01	2.04	1.60	38.36
1897	2.18	2.33	3.60	2.52	5.11	1.52	6.01	5.23	1.30	1.30	6.90	2.14	40.14
1898	4.10	2.84	4.55	2.21	2.47	.....	.....	.....	.....	.....	.....	.....	.....
Mns	2.73	2.81	3.04	2.80	4.04	3.17	3.45	3.69	2.88	2.28	3.43	2.56	36.88

Benton Ridge, Hancock County
Elevation, 800 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1892	.....	.....	.....	.....	.....	.....	.....	2.09	2.27	.....	2.08	1.65	.....
1893	3.17	2.72	1.56	6.53	3.44	3.22	2.23	1.95	1.18	3.35	2.10	2.46	33.91
1894	2.07	3.22	2.02	1.44	4.78	3.43	0.99	0.90	3.61	3.27	3.03	1.94	30.70
1895	2.65	1.08	0.43	1.26	2.59	1.22	1.70	2.83	1.56	0.93	4.97	3.46	24.68
1896	2.07	2.00	3.15	2.04	1 79	5.18	8.41	2.91	4.55	0.56	1.94	2.70	37.30
1897	2.66	0.86	2.82	4.06	5.38	2.90	3.99	3.02	0.85	1.15	6.60	1.51	36.40
1898	5.46	2.73	4.48	2.29	4.36	1.39	2.34	4.73	2.75	2.89	2.83	3.51	39.76
1899	3.70	1.31	5.18	1.48	2.44	1.97	4.21	0.66	0.96	1.74	1.91	3.39	28.95
1900	1.67	5.50	2.81	2.72	2.42	2.54	4.45	4.69	1.66	3.05	3.66	1.18	36.35
1901	1.42	2.10	3.15	2.03	3.70	3.59	2.66	2.02	1.82	0.24	1.23	3.59	27.55
1902	0.81	0.77	2.74	1.38	3.04	6.55	3 42	1.95	**6.88**	2.13	2.09	3.13	34.89
1903	1.89	5.18	1.94	5.95	3.04	2.45	4.37	**4.10**	**2.52**	**2.92**	1.74	2.12	38.22
1904	7.23	3.18	5.26	3.52	3.14	1.81	4.63	1.54	1.79	1.70	0.32	2.70	36.82
1905	1.58	1.52	1.26	3.99	5.96	9.27	4.31	2.44	3.98	2.52	2.96	2.25	42.04
1906	0.97	0.97	3.22	1.91	0.90	2.05	5.18	5.30	1.61	4.06	2.52	3.95	32.64
1907	5.70	0.85	4.69	1.36	3.13	5.97	4.21	1.67	4.26	1.73	1.90	3.77	39.24
1908	1.94	3.22	4.10	3.48	4.56	4.79	4.21	2.32	0.34	0.91	1.29	1.77	32.93
Mns	2.81	2.33	3.05	2.84	3.42	3.65	3.83	2.69	2.51	2.07	2.54	2.65	34.39

Big Prairie, Wayne County
Elevation, 946 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1892	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.50	.....	.....	.....
1893	1.60	4.40	2.44	6.02	7.03	1.51	2.10	2.69	2.55	4.45	1.78	2.53	39.10
1894	2.37	3.32	2.10	1.90	5.10	1.38	1.36	**0.73**	**3.78**	2.00	1.82	2.09	27.95
1895	4.24	0.85	3.03	1.52	1.63	2.29	2.61	2.52	2.08	1.05	5.02	4.49	31.33
1896	1.58	1.87	4.02	3.18	2.88	4.45	8.00	5.79	5.69	1.02	1.67	2.65	42.80
1897	3.45	2.19	3.00	3.05	4.03	2.58	4.85	3.88	1.10	0.51	5.97	2.32	36.93
1898	5.04	3.12	5.72	2.30	4.23	2.83	5.64	3.50	2.31	4.57	4.25	3.40	46.91
1899	3.35	1.99	.....	2.17	3.84	3.20	3.79	0.80	3.48	2.26	1.24	3.57	.....
1900	3.28	3.85	2.18	**1.52**	1.94	3.21	5.08	8.30	2.00	1.28	2.49	1.81	37.34
1901	2.04	1.31	2.48	.....	4.34	8.90	.....	6.55	6.91	.....	.....	.....	.....
Mns	2.99	2.54	3.12	2.76	3.89	3.37	4.18	3.86	3.32	1.96	3.03	2.86	37.88

Bowling Green, Wood County
Elevation, 670 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1858	.....	.....	.....	.....	4.68	4.75	4.66	2.34	0.99	2.97	3.59	3.89	.....
1859	2.32	1.99	4.13	4.01	2.30	4.64	0.14	3.52	3.11	1.98	2.45	4.46	35.05
1861	1.28	1.51	3.91	4.23	2.60	1.43	3.39	3.81	2.82	2.90	2.74	0.87	31.49
1862	4.22	3.03	6.86	3.70	7.27	5.74	.....	3.82	2.21	4.17	3.27	5.92	.....
1863	3.29	3.06	2.69	.....	1.93	1.55	2.75	2.44	0.97	3.09	3.46	2.62	.....
1866	.....	3.45	6.25	0.90	6.10	6.25	7.20	3.90	8.85	3.50	6.05	5.06	.....
1867	2.90	5.46	2.35	3.96	9.50	5.25	4.72	5.70	2.50	2.30	.....	2.55	.....
1868	3.25	1.99	14.00	5.55	6.22	5.76	4.98	3.80	6.30	1.82	3.00	2.55	59.22
1869	1.75	5.69	2.54	4.72	9.55	10.07	6.41	0.93	3.68	3.95	6.45	4.05	59.79
1870	6.65	1.40	4.00	3.30	1.90	3.20	6.55	3.85	2.85	4.85	1.65	3.75	43.95
1871	2.30	3.38	2.45	3.00	1.80	4.28	5.30	2.89	1.00	2.80	3.75	2.62	35.57
1872	1.83	1.20	1.48	1.95	4.24	.....	.....	.....	.....	.....	.....	.....	.....
1873	5.70	1.35	3.05	7.25	3.20	1.60	8.05	2.05	2.20	2.00	2.20	7.20	45.85
1874	4.00	5.05	1.75	1.70	3.90	.....	.....	.....	.....	.....	.....	.....	.....
1893	.....	.....	.....	.....	.....	1.45	3.72	1.10	1.79	3.18	2.65	3.26	.....
1894	1.66	2.67	1.73	1.36	3.42	2.58	0.09	0.11	3.02	2.44	1.72	2.08	22.88
1895	2.11	0.31	0.87	2.58	2.25	2.20	0.83	2.49	0.71	1.60	5.87	3.74	25.56
1896	1.45	1.75	2.76	2.93	2.55	3.19	8.23	2.44	3.99	0.56	2.00	2.44	34.29
1897	1.83	1.07	4.42	2.64	2.92	2.67	2.31	1.91	0.28	0.86	6.68	1.83	29.42
1898	3.75	2.04	4.94	1.91	5.04	2.78	3.17	2.63	2.84	3.32	2.70	1.57	36 69
1899	2.17	2.39	4.59	1.21	3.24	2.33	4.33	0.75	2.01	2.47	1.84	2.70	30.03
1900	0.97	3.33	1.33	2.45	2.95	3.80	3.76	4.24	0.85	2.95	3.32	1.00	30.98
1901	2.57	1.30	2.86	2.23	4.91	3.98	4.42	4.38	1.32	1.15	2.33	4.21	35.66
1902	0.55	0.57	3.77	1.51	3.81	10 18	3.24	0.18	9.25	2.94	2.35	3.33	41.68
1903	1.75	4.19	1.97	5.26	2.44	2.77	4.27	4.42	2.30	2.54	1.42	2.30	35.63
1904	5.23	2.91	5.21	2.46	3.35	1.33	4.13	1.45	3.08	1.52	0.05	2 16	32.88
1905	1.78	1.62	1.39	3.36	5.78	5.31	4.70	2.91	2.45	1.58	3.28	3.39	37.55
1906	0.72	0.90	1.92	2.22	1 59	2.62	6.13	5.61	4.04	3.79	2.53	3.37	35.44
1907	3.43	0.10	4.60	1.74	2.46	4.40	4.28	1.92	5.70	3.55	1.89	4.13	38.20
1908	1.57	3.57	3.09	2.70	5.85	1.30	7.57	3.20	0.26	0.81	0.71	1.74	32.37
Mns	2.63	2.40	3.60	2.99	4.06	3.84	4.42	2.81	2.91	2.56	2.96	3.17	38.35

Cleveland (St. Ignatius College), Cuyahoga County
Elevation, 754 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1897	1.58	1.46	2.40	1.28	4.00	0.91	2.63	2.17	0.92	1.38	4.76	1.34	24.83
1898	2.76	2 29	4.07	1.80	2.27	3.90	3 24	2.42	2.93	4.32	2.41	2.17	34.58
1899	2.40	1.40	3.53	1.31	3.12	1.52	4.70	1.11	2.38	2.25	0.65	3.08	27.45
1900	2.19	2.96	1.27	1.40	1.49	1.87	5.23	1.72	2.11	2.02	2.87	0.75	25.88
1901	1.01	1.17	2.86	2.16	3.08	3.36	4.41	6.27	5.78	0.87	1.85	3.50	36.32
1902	0.93	0.59	2.07	1.52	3.21	9.43	4.94	1.72	4.84	2.44	1.63	3.12	36.44
1903	1.45	3.04	1.69	3.86	1 22	2.53	5.08	3.41	2.41	3.61	1.45	1.36	31.11
1904	3.26	2.33	3.77	1.54	3.23	1.47	4.90	2 28	2.84	1.13	0.13	2.94	29.82
1905	1.88	1.81	1.34	2.15	4.77	2.79	4.39	3.17	2.60	3.24	2.43	1.25	31.82
1906	1.71	1.70	2.82	1.77	1.76	0.96	3.53	4.38	2.63	5.08	1.98	3.53	31.85
1907	5.31	0.88	3.29	1.75	2.71	5.57	2.99	1.15	3.74	4.13	1.08	2.99	35.59
1908	1.90	4.30	3.95	2 97	2.82	2.15	2.34	2.13	0.68	0.93	0.76	2.97	27.90
Mns	2.20	1.99	2.76	1.96	2.81	3.04	4.03	2.66	2.82	2.62	1.83	2.42	31.14

Bucyrus, Crawford County
Elevation, 1,000 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1890	.....	.....	.....	3.25	8.11	5.27	4.07	5.97	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1893	.....	.....	.....	.....	3.95	0.85	3.20	0.95	0.90	4.15	.....	2.90	.....
1894	1.60	1.16	0.60	2.70	9.25	2.80	1.20	0.65	3.90	2.70	0.55	2.50	29.61
1895	4.10	0.24	3.60	2.97	1.60	4.70	2.80	3.50	3.70	1.71	4.30	4.20	37.42
1896	2.10	2.20	2.12	4.03	2.58	3.30	4.93	.....	.....	.....	.....	.....	.....
1897	.....	.....	.....	1.30	4.42	1.10	5.90	1.50	1.25	.....	.....	.....	.....
1898	3.80	2.00	5.50	2.66	4.66	2.46	3.15	4.50	1.55	.....	.....	1.25	.....
1899	.....	.....	.....	1.33	5.71	2.95	5.01	0.40	3.88	.....	.....	.....	.....
1900	0.60	2.85	2.00	**2.62**	3.27	4.64	3.40	4.63	2.10	1.75	1.03	0.73	29.62
1901	2.45	1.90	1.65	2.10	7.77	2.87	3.20	1.87	1.82	**0.55**	**1.25**	**3.70**	31.13
1902	0.70	2.35	3.23	3.21	2.04	7.97	7.29	0.87	5.42	1.87	2.25	2.10	39.30
1903	2.00	2.45	2.50	4.98	3.21	4.24	4.72	2.30	1.60	2.97	2.75	1.45	35.17
1904	3.95	**3.69**	1.85	4.75	3.88	3.10	2.83	2.74	2.31	1.61	0.50	4.50	35.71
1905	1.42	0.67	0.22	2.10	3.52	4.87	5.81	1.76	2.08	2.68	1.98	2.25	29.36
1906	1.85	1.00	4.45	2.11	2.28	2.63	5.80	3.74	3.49	3.77	4.86	3.95	39.93
1907	6.70	1.62	6.01	2.55	5.71	5.73	4.47	1.35	5.97	2.30	1.87	2.31	46.59
1908	1.90	4.10	5.20	3.66	4.91	2.33	3.76	1.90	0.70	0.93	0.85	2.23	32.47
Mns	2.55	2.02	2.99	2.90	4.52	3.64	4.21	2.41	2.71	2.25	2.02	2.62	34.84

Canton, Stark County
Elevation, 1,065 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1882	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.43	2.23	.....
1883	2.74	6.17	2.03	2.06	5.74	4.10	6.09	1.69	1.71	3.13	2.73	4.81	43.00
1884	3.76	5.01	3.82	2.60	2.59	1.50	5.44	2.11	4.87	2.59	1.12	3.93	39.34
1885	3.99	1.90	0.99	2.70	5.00	4.31	3.18	**5.80**	3.09	4.48	1.87	1.77	39.08
1886	4.87	1.66	2.56	2.48	2.61	2.47	3.30	2.68	2.81	0.79	3.01	2.79	32.03
1887	1.50	6.95	1.76	3.21	3.24	3.32	4.86	2.33	2.42	0.71	2.01	1.77	34.08
1888	4.18	1.68	2.76	1.85	3.18	2.26	4.78	4.45	**2.68**	2.86	**4.58**	1.42	36.68
1889	3.50	1.05	1.38	3.09	2.81	4.89	7.34	3.02	3.66	2.04	3.82	3.48	40.08
1890	3.94	6.17	3.73	3.87	7.99	2.21	2.15	6.16	6.88	6.58	2.43	1.91	54.02
1891	2.19	4.26	2.96	1.65	2.53	10.83	5.31	2.19	1.07	1.13	3.93	2.37	40.42
1892	2.45	2.67	2.84	2.30	8.39	7.38	6.62	3.28	2.30	1.04	1.63	1.54	42.44
1893	2.50	6.20	2.20	5.23	5.26	3.14	4.82	2.13	1.68	5.25	1.75	2.73	42.89
1894	1.61	2.30	2.23	2.40	6.09	1.74	2.50	0.33	4.35	1.88	3.18	2.68	31.29
1895	4.15	1.05	1.95	1.84	1.78	3.13	2.25	4.81	1.11	1.51	3.59	4.91	32.08
1896	1.98	2.39	3.83	3.69	3.11	8.48	8.43	2.78	6.24	1.01	1 94	3.01	46.89
1897	2.09	3.60	3.05	3.59	4.39	2.61	5.70	2.40	1.07	0.35	5.70	2.03	36.58
1898	4.64	2.43	5.80	2.63	4.84	5.03	3.39	6.07	2.07	3.75	3.90	2.80	47.35
1899	2.12	1.72	4.86	4.45	5.52	2.85	4.69	1.14	3.26	1.83	2.14	3.56	38.14
1900	2.43	3.10	3.09	1.84	1.44	3.87	4.91	3.61	3.31	1.35	4.10	2.03	35.08
1901	2.81	1.64	3.62	6.17	4.22	2.74	2.38	3.35	4.12	0.51	1.91	3.66	37.13
1902	1.08	1.46	2.11	3.08	3.15	5.55	4.49	3.42	3.67	1.56	1.85	3.85	35.27
1903	2.46	3.89	4.30	3.99	2.33	3.47	3.64	6.55	0.77	3.13	2.55	1.77	38.85
1904	4.11	3.06	6.07	5.67	3.45	2.59	5.51	3.08	1.08	1.17	1.22	2.23	39.24
1905	1.80	1.51	3.22	3.25	4.17	9.09	5.85	6.61	3.30	3.17	2.11	2.03	46.11
1906	1.23	0.85	3.77	1.47	2.06	4.25	6.65	4.28	3.45	3.20	2.39	3.66	37.26
1907	5.95	1.34	5.63	3.09	2.52	5.57	6.01	2.42	2.56	1.96	1.86	2.27	41.18
1908	1.75	3.35	5.55	3.23	5.25	2.98	3.73	2.69	0.62	1.05	1.14	2.70	34.04
Mns	2.92	2.98	3.31	3.13	3.99	4.25	4.77	3.34	2.85	2.23	2.63	2.76	39.15

Cleveland (Weather Bureau), Cuyahoga County
Elevation, 762 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1871	0.31	2 22	3.97	1.86	1.99	3.70	3.08	8.30	0.74	0.60	2.42	0.84	30.03
1872	2.00	0.80	1.30	2.22	3.99	2.68	6.19	4.53	3.47	4.24	1.24	1.73	34.39
1873	2.41	1.94	3.33	5.38	3.11	5.50	4.82	1.87	2.44	3.38	1.65	5.50	41.33
1874	5.16	3.18	1.47	1.87	1.83	3.98	4.06	1.82	4.66	1.63	2.09	1.64	33.39
1875	1.60	0.99	2.87	2.11	4.17	4.29	1.67	3.81	5.42	3.79	3.30	2.89	36.91
1876	3.72	4.10	2.88	1 77	4.43	3.21	3.04	4.03	5.83	3.47	2.56	2.16	41.20
1877	2.08	0.18	6.34	2.28	0.67	5.43	3.51	3.65	1.90	3.60	2.33	1.52	33.49
1878	4.43	2.51	5.08	2.89	3.03	2.68	7.97	2.15	9.30	5.60	2.81	5.06	53.51
1879	2.16	2.88	3.50	2.03	2.43	4.26	5.72	4.20	3.60	1.32	5.22	4.19	41.51
1880	2.67	3.12	2.33	3.95	3.12	4.47	4.75	3.97	2.98	2.24	2.27	1.51	37.38
1881	1.96	2.57	2.82	1.75	0.74	8.07	0.90	0.17	1.66	5.79	3.64	4.89	34.96
1882	2.47	2.83	3.82	2.20	5.27	4.22	5.27	3.16	4.78	1.55	2.00	2.41	39.98
1883	1.55	6.77	1.34	2.10	6.50	3.77	3.75	2.72	4.03	3.56	2.36	2.68	41.13
1884	1.55	5.27	1.87	1.75	3.60	3.29	5.13	1.65	3.76	1.97	1.59	1.83	33.26
1885	2.63	1.05	0.87	2.52	3.88	7.22	4.48	5.14	2.01	3.78	4.67	1.68	39.93
1886	3.35	1.55	2.00	1.78	1.68	1.01	2.64	1.36	4.04	0.47	3.89	3.57	27.34
1887	1.92	7.73	3.05	1.82	3.45	2.43	0.99	3.52	3.62	1.80	2.97	2.06	35.36
1888	3.15	1.55	3.23	2.18	2.84	4.13	2.45	2.38	2.65	2.90	3.59	1.52	32.57
1889	3.13	1.24	2.07	1.99	4.13	1.65	4.32	1.23	4.29	1.56	3.72	3.24	32.57
1890	4.03	4.58	3.93	2.49	6.16	4.50	2.77	3.14	5.58	5.85	3.04	1.75	47.82
1891	2.19	5.15	2.93	1.52	2.59	4.07	1.48	2.89	2.01	1.72	5.41	2.22	34.18
1892	2.52	3.10	3.17	2.02	6.81	5.51	3.44	2.96	2.53	1.08	2.29	1.08	36.51
1893	1.81	3.76	1.95	3.08	7.41	0.89	1.42	3.15	0.53	5.07	1.85	2.96	33.88
1894	2.21	1.87	1.86	1.55	4.83	2.31	2.19	1.05	3.30	3.19	1 28	2.09	27.73
1895	2.32	0.43	1.23	1.38	1.84	1.82	1.18	4.59	1.68	1.71	4.52	4.14	26.84
1896	1.58	3.72	2.64	4.72	1.53	6.10	4.84	3.10	3.72	0.84	1.59	2.30	36.68
1897	1.85	1.82	2.47	1.34	3.73	1.05	2.48	2.63	0.66	1.32	4.13	1.36	24.54
1898	3.51	2.02	4.06	1.62	2.07	2.74	2.19	1.79	2.53	4.61	2.67	2.13	32.54
1899	2.45	1.54	3.64	0.99	3.11	1.49	3.94	0.58	1.51	1.81	0.62	2.85	24.53
1900	2.23	3.37	2.06	1.32	1.26	1.53	4.85	1.79	1.94	1.66	3.01	0.81	25.83
1901	1.18	1.28	2.93	2 10	2.78	3.55	3.77	6.31	7.38	0.80	2.42	4.21	38.71
1902	1.25	0.83	2.34	1.85	3.60	9.77	5.14	1.60	5.36	2.41	2.07	3.67	39.89
1903	1.88	3.84	2.10	3.85	1.46	3.17	5.23	4.13	2.46	3.48	1.91	1.90	35.41
1904	4.69	2.95	4.61	2.76	3.70	1.17	4.63	2.29	3.62	1.24	0.41	2.49	34.56
1905	2.05	1.70	1.80	2.38	3.69	2.73	4.08	3.61	2.37	2.92	2.85	1.72	31.90
1906	1.59	1.50	2.78	1.56	1.81	0.93	4.11	3.45	2.38	5.73	2.10	3.68	31.62
1907	5.72	0.88	3.50	1.68	2.46	4.63	3.63	1.10	3.45	4.13	1.11	2.47	34.76
1908	2.78	4.66	3.70	3.00	2.38	2.06	2.15	1.75	0.48	1.07	0.82	2.75	27.60
Mns	2.53	2.68	2.84	2.25	3.27	3.58	3.64	2.94	3.28	2.73	2.59	2.57	34.90

Cleveland (Hyde), Cuyahoga County
Elevation, 571 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1855	.....	.....	.....	.....	2.90	10.33	2.03	3.34	2.52	3.47	4.30	3.03	.....
1856	1.25	1.14	0.62	1.35	3.45	2.55	2.26	1.89	2.88	2.30	2.54	3.05	25.28
1857	1.21	2.89	0.84	2.91	3.51	7.54	2.71	3.97	2.03	3.95	5.39	2.80	39.75
1858	1.23	1.96	1.31	4.36	7.74	3.90	5.79	5.08	3.37	1.53	5.06	3.30	44.63
1859	2.38	2.33	4.84	4.59	2.85	3.13	1.00	3.03	3.45	2.85	3.79	4.42	38.66
1860	2.01	1.58	0.99	5.80	2.74	1.44	4.31	4.29	4.22	3.08	3.61	1.67	35.74
1861	1.72	1.08	2.69	4.03	3.35	1.70	1.59	3.39	3.08	3.53	4.51	1.43	32.10
1862	3.03	2.35	3.39	2.69	2.33	4.96	5.32	1.06	2.30	2.28	3.68	3.60	36.99
1863	3.87	2.87	2.85	0.98	3.07	2.24	1.65	2.06	2.63	2.53	4.02	1.99	30.76
1864	2.30	0.53	1.90	1.96	3.57	0.34	1.66	6.71	5.19	1.63	3.51	2.72	32.02
1865	1.77	1.46	2.62	2.84	2.27	3.57	3.44	1.36	4.82	2.75	0.86	3.71	31.47
1866	1.99	2.30	4.00	2.37	4.04	9.80	3.53	3.76	7.91	3.54	3.04	2.63	48.91
1867	2.34	3.15	2.73	3.21	5.02	1.81	2.72	0.88	1.38	3.56	2.87	3.16	32.83
1868	1.46	1.47	4.20	2.97	4.64	5.48	0.45	4.34	4.72	1.09	3.73	1.48	36.03
1869	1.47	3.02	3.89	2.65	3.94	3.52	3.82	1.12	6.27	2.66	3.58	3.08	39.02
1870	6.15	1.68	3.10	4.38	1.85	2.38	10.15	2.00	4.76	5.36	3.07	2.82	47.70
1871	1.27	2.07	3.92	2.15	2.02	3.58	3.42	7.83	1.03	0.77	2.22	2.50	32.78
1872	0.99	1.39	1.65	2.37	4.55	2.69	6.50	4.14	3.66	4.63	2.27	2.90	37.74
1873	3.21	2.16	3.45	4.48	2.38	4.65	4.54	2.16	2.85	4.25	2.18	5.09	41.40
1874	5.57	3.89	1.91	2.87	1.87	4.11	4.09	2.04	4.83	2.29	3.12	1.84	38.43
1875	1.93	1.63	3.86	2.57	4.53	3.61	1.87	4.92	4.52	3.78	3.44	3.12	39.78
1876	3.52	4.90	3.41	1.98	4.78	3.75	4.11	3.44	6.08	4.26	3.10	1.89	45.22
1877	2.05	0.25	5.89	2.05	0.75	5.59	3.74	4.10	3.08	3.68	2.05	1.44	34.67
1878	4.41	2.86	5.00	2.58	2.78	2.86	6.72	1.50	9.25	4.94	2.03	4.73	49.66
1879	1.80	2.67	3.11	2.53	1.56	4.12	5.46	3.93	3.65	0.83	4.61	3.91	38.18
1880	2.86	3.00	2.15	3.80	3.80	4.74	5.17	4.47	2.61	2.31	2.87	1.85	39.63
1881	2.32	3.46	3.55	2.12	0.89	8.56	1.01	0.28	2.17	4.77	3.93	4.69	37.75
1882	2.56	3.14	3.64	2.19	4.98	3.81	5.18	3.64	5.01	1.68	2.32	2.57	40.72
1883	1.59	6.71	1.56	2.01	6.81	3.90	4.25	2.45	4.35	3.78	2.52	2.61	42.54
1884	2.48	5.01	2.42	1.91	3.00	2.06	4.01	1.90	3.77	1.78	2.02	2.82	33.18
1885	3.17	1.46	1.20	2.69	5.36	7.20	4.18	4.90	1.97	3.85	5.25	1.59	42.82
1886	3.17	1.77	2.41	2.49	1.97	1.22	3.91	2.01	4.26	0.74	4.59	4.00	32.54
1887	2.24	7.54	2.89	2.31	3.85	2.99	1.71	3.51	3.78	2.25	3.18	1.77	38.02
1888	2.57	1.57	3.19	2.41	3.70	5.24	2.92	2.10	3.02	3.41	4.26	1.69	36.08
1889	3.03	1.20	2.30	2.04	4.17	2.42	2.65	1.34	5.10	1.91	2.91	2.95	32.02
1890	3.40	4.19	3.82	2.87	6.39	5.22	3.29	2.69	5.52	6.74	3.14	1.93	49.20
1891	2.56	4.95	3.27	1.68	2.91	4.03	1.66	3.23	1.71	2.01	4.63	2.23	34.87
1892	2.32	2.96	3.18	2.26	8.72	6.05	4.78	4.26	2.95	1.52	2.77	1.54	43.31
1893	2.77	4.16	2.27	3.61	8.46	0.94	1.16	3.25	1.07	6.43	2.13	2.99	39.24
1894	2.83	1.77	2.00	2.03	6.15	2.44	2.32	1.37	4.01	3.42	2.01	2.53	32.88
1895	2.91	0.84	1.51	1.63	2.16	2.25	1.53	4.03	2.66	2.04	4.71	4.16	30.43
1896	1.73	3.33	3.18	4.45	1.91	6.48	5.23	3.05	4.19	1.19	2.23	2.04	39.01
1897	1.97	1.54	2.98	2.32	4.95	1.10	3.53	3.98	1.14	1.55	5.71	1.90	32.67
1898	3.41	3.07	4.77	1.80	2.75	3.73	3.38	2.14	3.99	5.36	3.78	2.77	40.95
1899	3.24	1.95	4.73	1.41	4.53	3.00	5.46	0.89	2.67	2.60	1.12	3.97	35.57
1900	2.72	3.61	2.19	1.76	1.85	2.26	6.30	2.34	2.57	2.51	4.18	1.24	33.53
1901	1.58	1.66	4.01	2.97	5.46	4.29	4.49	5.44	7.05	0.92	2.91	4.84	45.62
1902	1.33	0.96	2.63	2.74	4.17	9.94	5.82	1.68	5.81	3.42	2.69	3.26	44.45
1903	2.06	4.33	2.43	4.25	1.66	3.74	5.70	3.89	2.86	3.79	1.97	1.86	38.54
1904	4.50	3.00	4.51	3.30	4.57	1.43	5.40	2.55	3.77	1.45	0.41	2.25	37.14
1905	1.84	1.86	2.21	2.61	5.12	3.00	5.66	3.76	2.67	3.79	3.62	1.51	37.65
Mns	2.52	2.61	2.95	2.73	3.78	3.95	3.80	3.09	3.75	2.96	3.22	2.74	38.10

Defiance, Defiance County
Elevation, 712 feet

1893	.....	.....	.....	6.02	3.72	3.46	1.83	.....	.....	.....	.....	.....	.....	.....
1894	1.77	3.21	1.63	1.54	6.84	3.49	1.11	2.50	3.08	2.34	2.18	1.79	31.48	
1895	1.80	0.76	0.70	1.02	2.11	0.80	1.30	2.12	1.35	1.35	4.56	5.38	23.25	
1896	0.92	1.67	2.50	4.03	2.11	1.63	8.18	2.83	2.93	1.40	2.05	1.64	31.89	
1897	2.47	1.03	4.40	2.68	3.14	5.91	3.61	2.20	0.27	0.74	5.70	1.84	33.99	
1898	3.87	2.21	4.39	2.19	4.89	3.31	5.44	2.01	4.92	3.30	3.20	2.40	42.13	
1899	2.08	2.21	3.99	2.49	3.05	1.64	4.22	1.77	3.71	2.63	2.06	3.50	33.35	
1900	1.20	4.41	1.81	3.17	3.21	5.36	6.03	2.58	1.07	3.07	3.76	0.59	36.26	
1901	1.10	1.07	2.35	1.87	3.93	3.47	6.08	2.16	1.54	2.63	1.41	4.14	31.75	
1902	0.49	0.72	3.76	1.92	3.51	7.97	4.41	0.78	8.10	5.24	2.76	3.10	42.76	
1903	1.15	4.04	2.11	4.55	4.37	4.50	3.92	4.25	2.45	3.32	2.08	2.40	39.14	
1904	5.37	3.47	6.30	2.61	3.24	1.51	2.41	1.88	3.12	1.68	0.21	2.44	34.24	
1905	1.60	1.52	1.18	3.29	6.81	5.33	4.28	2.77	2.34	1.94	3.17	1.66	35.89	
1906	1.23	0.51	2.32	1.88	1.30	2.12	4.41	2.22	2.42	2.83	2.93	3.67	27.84	
1907	4.12	0.25	3.76	1.99	4.65	6.61	5.65	2.27	6.85	2.01	2.29	4.13	44.58	
1908	1.42	3.69	3.17	2.06	4.12	1.46	2.23	2.95	0.42	0.87	0.64	1.77	24.80	
Mns	2.04	2.05	2.96	2.71	3.81	3.66	4.07	2.35	2.97	2.36	2.60	2.70	34.28	

Ellsworth, Mahoning County
Elevation, 1,120 feet

1885	3.49	1.50	0.60	2.56	4.48	4.21	2.64	6 49	3.02	5.09	2.17	1.75	38.00	
1886	2.54	1.92	3.09	2.63	2.67	1.44	3.14	3.60	2.99	1.28	3.92	2.24	31.46	
1887	1.24	6.12	.....	2.52	2.80	2.88	1.89	2.94	1.75	0.95	2.25	2.10	.....	
1888	2.51	1.07	1.52	1.90	3.28	2.94	4.08	2.74	3.95	3.20	4.14	1.28	32.61	
1889	3.11	.....	2.01	3.16	2.24	3.27	2.07	1.98	4.04	.....	.....	.....	.....	
1890	**4.00**	**5.00**	.....	4.00	8.11	6.00	1.95	3.88	6.34	5.37	2.72	2.54	.....	
1891	1.71	5.46	3.00	1.69	2.35	3.54	3.70	2.22	1.41	1.08	3.52	2.39	32.07	
1892	.....	2.60	.....	.....	7.80	7.58	5.43	3.88	2.15	0.89	1.61	1.14	.....	
1893	1.00	3.18	0.82	5.25	5.41	2.52	3.53	2.69	1.26	4.16	1.25	2.91	33.98	
1894	2.38	2.70	1.68	2.48	3.76	2.61	4.00	0.16	4.68	1.80	3.10	2.29	31.64	
1895	3.92	0.92	1.52	1.53	1.67	3.13	1.55	2.68	2.59	0.88	3.23	4.56	28.18	
1896	.....	1.31	2.62	2.63	1.59	7.23	7.02	1.50	4.50	2.25	.....	.....	.....	
1897	1.44	.....	5.00	3.35	2.80	4.07	10.55	.....	.....	.....	.....	.....	.....	
Mns	2.49	2.89	2.19	2.81	3.77	3.96	3.97	2.90	3.22	2.45	2.79	2.32	35.76	

Note—Values for 1896 and 1897 are for Canfield, about four miles east of Ellsworth.

Colebrook, Ashtabula County
Elevation, 950 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1858	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.09	2.50	1.93	.....
1859	1.72	2.18	1.79	2.87	1.54	2.25	1.10	4.83	2.73	2.01	4.54	3.21	30.77
1860	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1861	1.55	1.57	2.21	4.01	3.14	1.98	3.34	2.56	2.16	2.12	2.88	1.10	28.62
1862	3.41	1.79	3.27	2.56	3.64	4.04	3.56	0.51	1.16	1.63	3.03	4.29	32.89
1863	5.28	3.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1892	.....	.....	.....	.....	.....	.....	.....	3.43	2.05	1.97	2.29	1.18	.....
1893	1.96	3.71	2.04	4.19	7.65	3.26	2.20	3.72	0.83	5.99	2.85	3.59	41.99
1894	2.55	2.36	1.31	2.03	2.92	3.44	1.63	0.33	5.40	2.66	2.68	2.14	29.45
1895	3.54	1.03	1.50	1.85	3.78	2.04	3.25	3.99	4.25	1.54	4.13	4.43	35.33
1896	1.07	2.58	3.02	2.88	2.44	4.78	7.07	3.97	6.08	1.52	2.38	1.59	39.38
1897	1.74	2.40	2.96	2.41	4.81	2.53	7.14	8.40	1.27	1.43	6.77	2.84	44.70
1898	2.98	2.16	3.89	1.74	.....	.....	.....	.....	.....	.....	3.69	1.69	.....
1899	2.60	1.34	3 31	0.64	3.97	2.30	3.53	0.45	3.48	2.30	0.80	4.67	29.39
1900	2.39	2.20	1.63	1.70	4.03	2.75	6.32	1.65	2.83	2.19	3.81	1.34	32.84
1901	1.68	0.60	2.65	3.05	2.85	2.39	3.99	5.22	3.99	0.28	2.47	3.40	32.57
1902	2.51	0.90	1.58	3.04	3.30	5.15	9.85	1.92	3.27	1.50	.....	3.50	.....
1903	.....	.....	2.96	4.19	1.72	.....	5.79	9.33	2.07	5.16	.....	.....	.....
1904	.....	.....	5.14	2.70	7.01	.....	7.61	3.36	.....	.....	.....	2.35	.....
1905	0.57	1.35	2.00	2.32	4.41	4.28	7.65	3.29	3.65	4.08	2.95	1.22	37.77
1906	1.19	1.12	2.88	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1907	.....	.....	3.40	1.91	2.86	.....	5.59	0.82	3.12	4.56	3.00	3.87	.....
1908	2.05	4.84	4.16	4.04	3.29	1.68	1.58	1.63	0.58	1.21	1.38	3.74	30.18
Mns	2.28	2.07	2.72	2.67	3.73	3.06	4.78	3.30	2.88	2.40	3.07	2.76	35.72

Note—Values for 1858 to 1863 are for Montville, about fifteen miles north of west of Colebrook, and for 1907 and 1908 for Rome, about six miles northwest of Colebrook.

Elyria, Lorain County
Elevation, 755 feet

1858	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.91	4.34	4.93	.....	
1859	2.27	3.99	3.98	4.28	3.23	4.23	2.10	1.74	4.09	2.20	6.36	3.53	42.00	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1886	.....	.....	.....	.....	1.63	2.64	3.33	2.25	3.56	1.31	4.31	3.58	.....	
1887	2.38	8.46	3.05	2.88	2.82	3.73	0.79	2.17	3.07	1.23	3.16	1.96	35.70	
1888	2.81	1.39	3.24	2.10	5.02	3.95	3.58	1.31	2.07	3.33	3.89	1.69	34.38	
1889	3.16	2.15	3.05	1.80	3.06	2.63	3.19	2.95	4.20	1.72	2.87	3.65	34.43	
1890	4.07	4.22	4.14	4.21	7.72	4.03	3.38	3.91	4.02	5.85	3.46	2.05	51.06	
1891	2.39	5.43	3.27	**1.75**	3.69	4.62	2.28	2.03	3.01	1.96	7.38	1.78	39.59	
1892	2.04	2.54	**3.50**	3.30	10.42	6.17	3.93	3.66	3.11	0.93	2.46	1.09	43.15	
1893	1.86	3.06	2.21	4.47	5.32	1.23	2.11	2.87	0.79	4.24	2.03	2.57	32.76	
1894	2.71	1.93	3.24	2.07	4.46	3.48	2.67	1.60	3.18	2.51	2.12	2.53	32.50	
1895	1.66	0.34	2.27	1.28	4.28	2.21	1.43	5.53	1.83	2.24	4.60	4.30	31.97	
1896	1.73	2.58	1.41	4.67	1.21	5.99	7.25	2.37	4.59	1.09	1.95	2.37	37.21	
1897	1.47	1.88	3.25	1.83	4.31	1.61	4.86	2.94	1.31	0.78	6.89	1.33	32.46	
1898	6.63	2.36	4.51	2.41	2.68	5.48	3.51	5.64	4.55	7.87	3.22	2.39	51.25	
1899	1.89	1.88	4.92	1.45	5.30	2.07	4.82	1.16	3.14	2.33	1.70	3.00	33.66	
1900	2.15	1.93	2.61	1.57	1.80	2.70	5.69	3.43	2.35	1.09	3.08	0.91	29.31	
1901	1.16	0.79	3.24	3.68	5.19	3.31	3.10	4.22	2.34	0.73	2.21	3.88	33.85	
1902	0.93	0.52	2.68	1.99	3.86	9.83	6.70	2.68	5.42	3.42	2.20	2.39	42.62	
1903	1.60	4.57	2.46	3.95	1.84	3.83	5.64	5.20	1.82	2.42	2.05	1.72	37.10	
1904	3.94	1.48	**4.25**	3.11	5.68	1.28	5.73	3.02	1.73	1.41	0.24	2.31	34.18	
1905	2.91	1.50	1.32	3.00	4.16	2.00	1.66	2.78	2.01	2.63	2.19	1.35	27.51	
1906	1.24	0.85	3.48	1.63	2.30	1.65	3.92	4.63	2.51	5.61	2.57	3.43	33.82	
1907	5.70	0.79	4.08	1.97	2.98	5.12	2.90	0.88	4.57	4.02	1.42	3.58	38.01	
Mns	2.58	2.48	3.19	2.70	4.04	3.64	3.68	3.00	3.13	2.62	3.20	2.60	36.86	

Note—Values for 1858 and 1859 are for Avon, about eight miles northeast of Elyria, and from October, 1904, to December, 1907, for South Lorain, about six miles north of Elyria.

Findlay, Hancock County
Elevation, 776 feet

1886	.....	.....	0.95	1.80	4.20	2.95	0.20	1.50	4.80	1.60	.....	.....	.....	
1887	.....	8.55	1.70	2.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1888	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1889	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.70	0.92	2.93	3.59	.....
1890	4.22	4.76	3.94	4.60	6.40	3.80	0.63	2.70	2.67	4.20	2.72	2.11	42.75	
1891	2.43	4.19	4.05	2.73	1.84	4.66	5.30	1.90	0.42	2.72	5.53	2.15	37.92	
1892	1.44	3.18	4.04	4.18	6.62	8.31	3.91	2.31	2.76	0.79	3.32	1.88	42.74	
1893	2.13	5.19	1.56	6.12	3.77	3.36	2.68	2.50	1.51	3.41	2.55	2.50	37.28	
1894	1.87	4.09	2.09	1.60	4.85	3.47	0.70	0.17	2.92	3.40	2.34	1.78	29.28	
1895	3.33	0.50	0.82	2.78	1.55	2.76	3.04	2.22	1.83	1.04	5.67	2.92	28.46	
1896	1.37	2.18	3.18	1.92	1.65	5.23	11.10	2.67	5.01	0.64	1.14	2.55	38.64	
1897	2.30	1.15	4.21	3.66	4.25	2.80	3.08	3.22	0.79	1.49	5.41	2.01	34.37	
1898	4.26	2.37	4.67	2.08	4.36	1.97	3.20	5.03	3.90	4.04	3.13	2.51	41.52	
1899	3.19	1.50	4.57	1.77	3.31	2.30	5.08	0.79	1.61	1.91	1.71	3.06	30.80	
1900	1.70	5.19	1.52	1.99	2.86	1.60	5.84	6.27	1.50	3.16	3.10	0.88	35.61	
1901	1.46	1.45	3.30	2.46	4.65	2.79	1.36	2.96	1.85	0.86	0.94	3.90	27.98	
1902	0.40	0.65	3.50	1.79	4.32	7.21	4.13	1.74	8.46	1.78	2.65	2.64	39.27	
1903	1.23	4.41	1.62	5.50	2.43	4.29	4.69	4.31	2.29	2.92	1.46	1.73	36.88	
1904	6.11	2.84	5.84	2.90	4.09	3.60	6.18	1.58	2.71	1.45	0.08	2.40	39.78	
1905	1.64	1.90	1.44	3.67	5.90	7.44	4.37	3.09	4.99	2.35	2.58	2.20	41.57	
1906	1.19	0.78	2.78	1.86	1.07	2.61	4.51	4.82	2.03	2.94	2.15	3.73	30.47	
1907	6.15	0.34	3.94	1.23	3.29	6.53	2.87	1.48	4.63	1.67	2.05	3.61	37.79	
1908	1.66	4.77	4.05	3.39	3.78	2.58	4.02	2.89	0.36	1.18	1.42	2.28	32.38	
Mns	2.53	3.00	3.04	2.87	3.76	4.01	3.84	2.71	2.84	2.12	2.77	2.52	36.01	

Fremont, Sandusky County
Elevation, 628 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1901	.....	.....	.....	.....	.....	.....	2.92	2.83	1.17	1.01	1.87	4.29	.....
1902	0.40	0.65	3.46	1.69	4.16	10.56	4.15	1.28	7.20	2.22	2.06	3.61	41.44
1903	1.22	6.05	2.05	4.80	4.13	4.88	6.53	4.91	1.80	2.58	2.53	2.56	44.04
1904	5.26	4.18	5.20	3.36	4.11	3.48	8.09	3.23	2.13	1.23	0.18	2.24	42.69
1905	1.85	1.60	1.41	3.82	7.03	4.90	3.20	2.65	2.91	1.67	2.80	1.72	35.56
1906	0.84	1.04	2.29	1.79	2.02	2.30	3.76	9.51	3.40	4.20	2.57	3.99	37.71
1907	5.84	0.10	4.91	1.78	3.00	5.20	2.14	2.14	4.08	4.29	1.77	2.83	38.08
1908	1.38	4.12	3.96	3.43	2.90	1.75	4.79	4.80	0.56	1.11	0.78	2.02	31.60
Mns	2.40	2.53	3.33	2.95	3.91	4.72	4.45	3.92	2.91	2.29	1.82	2.91	38.14

Garrettsville, Portage County
Elevation, 1,005 feet

1884	.....	5.45	4.17	1.53	1.79	1.49	5.20	1.62	3.70	2.56	1.63	2.99	.....
1885	3.22	1.53	1.37	2.70	3.66	6.05	5.55	7.44	2.31	4.29	3.14	1.78	43.04
1886	4.45	1.35	2.69	2.12	2.22	2.35	1.89	2.74	2.19	0.87	4.94	2.82	30.63
1887	1.73	7.39	2.46	3.39	3.47	5.66	1.27	2.27	4.70	1.31	2.41	2.65	38.71
1888	3.48	1.72	2.74	2.24	2.42	3.56	2.75	3.70	5.13	3.36	3.66	1.81	36.57
1889	3.11	1.42	3.11	2.06	2.65	5.24	1.69	3.88	5.18	1.67	2.55	3.81	36.37
1890	4.51	4.99	3.48	3.96	7.87	3.73	2.23	3.92	4.33	7.36	3.19	3.31	52.88
1891	2.51	5.65	3.58	1.57	2.56	5.06	4.14	2.43	1.65	1.55	4.67	2.57	37.94
1892	2.50	3.42	3.48	2.17	7.50	6.49	3.20	3.26	2.96	1.50	2.46	1.62	40.56
1893	2.99	6.11	4.44	5.66	7.07	2.53	2.14	3.04	1.44	5.03	1.88	3.75	46.08
1894	2.49	2.76	2.52	2.84	3.05	3.17	2.54	0.23	5.37	2.26	3.58	3.37	34.18
1895	3.70	1.08	1.79	1.73	2.64	1.73	2.50	2.87	4.88	1.52	4.74	4.68	33.86
1896	1.62	3.23	3.31	4.93	1.94	4.76	5.53	2.51	5.03	1.04	1.95	2.31	38.16
1897	2.62	3.09	4.21	2.49	4.76	1.59	6.34	3.42	1.22	1.56	6.20	2.45	39.95
1898	4.82	2.55	4.92	2.66	3.11	2.96	4.55	5.42	2.00	4.83	4.60	3.19	45.61
1899	2.81	1.94	4.52	1.30	6.37	2.57	2.66	2.10	3.03	1.88	1.46	4.06	34.70
1900	2.67	3.45	3.42	2.30	2.01	1.42	5.92	2.19	1.80	1.94	4.47	1.34	32.93
1901	2.20	1.95	3.57	4.32	3.31	4.46	3.31	4.63	4.41	0.81	3.04	3.94	39.95
1902	1.59	1.20	2.11	4.35	3.94	7.05	6.32	2.06	3.89	1.88	2.43	4.32	41.14
1903	2.97	4.22	3.67	4.69	1.27	5.02	6.16	5.57	2.43	3.40	2.95	1.74	44.09
1904	4.92	3.20	5.23	4.27	7.62	2.47	4.68	3.14	2.01	1.43	0.89	2.27	42.13
1905	2.00	1.68	2.72	2.76	3.99	3.40	4.78	5.64	4.62	3.54	2.97	2.01	40.11
1906	1.45	0.73	3.06	2.41	2.30	2.41	4.64	7.17	6.22	5.94	2.84	3.90	43.07
1907	5.13	1.14	5.92	2.28	3.47	3.96	4.05	4.08	4.42	4.37	2.12	3.02	43.96
1908	2.32	4.05	6.24	4.26	4.26	3.10	4.40	1.66	1.27	1.18	0.76	3.58	37.08
Mns	2.99	3.01	3.55	3.00	3.81	3.69	3.94	3.48	3.45	2.68	3.02	2.93	39.55

Green Hill, Columbiana County
Elevation, 1,135 feet

1892	.....	.....	.....	.....	.....	.....	.....	2.45	1.42	0.75	1.26	1.41	.....
1893	2.24	6.15	2.14	6.06	4.99	3.41	2.52	2.79	1.30	5.51	1.35	2.75	41.21
1894	2.06	2.44	1.64	2.15	4.87	2.12	2.23	0.53	5.48	2.12	2.85	2.34	30.83
1895	4.43	0.56	1.36	1.17	1.36	2.32	3.18	4.02	1.38	1.46	3.27	4.26	28.77
1896	1.78	2.38	2.64	3.22	2.39	5.54	6.47	2.24	4.41	1.11	1.46	2.42	36.06
1897	1.45	3.44	3.27	2.53	2.69	3.02	6.12	2.97	0.87	0.33	5.85	2.41	34.95
1898	4.26	1.95	5.81	1.71	3.89	5.13	4.18	5.06	2.35	3.53	3.38	3.04	44.29
1899	1.88	1.72	3.58	2.41	6.04	3.20	5.19	1.38	3.43	1.88	1.51	3.36	35.58
1900	1.80	3.08	2.29	1.76	1.67	3.81	4.67	3.65	2.83	1.51	3.76	1.36	32.19
1901	1.68	0.95	3.36	5.83	4.03	4.42	4.28	4.95	4.95	0.37	1.72	3.34	39.88
1902	1.05	1.09	2.49	1.49	2.93	5.69	5.81	3.19	3.39	1.20	1.67	3.87	33.87
1903	2.38	4.00	4.48	2.34	1.50	4.77	3.70	4.97	0.30	2.85	1.56	1.63	34.48
1904	3.65	3.15	5.28	5.19	3.74	4.59	3.63	2.87	0.97	1.79	0.49	2.21	37.56
1905	1.87	1.63	2.71	2.37	3.03	6.38	4.68	5.02	4.05	4.01	1.98	2.22	39.95
1906	1.52	0.75	3.18	1.39	1.53	3.70	5.08	5.68	3.19	3.17	2.54	2.98	34.71
1907	5.85	0.92	5.19	3.38	2.57	3.44	5.27	1.39	4.01	1.63	1.85	2.32	37.82
1908	1.74	2.90	5.91	2.87	4.34	2.86	3.79	2.96	0.72	1.80	0.95	2.79	33.63
Mns	2.48	2.32	3.46	2.87	3.22	4.02	4.42	3.30	2.65	2.06	2.20	2.63	35.63

Hedges, Paulding County
Elevation, 725 feet

1883	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.21	.....
1884	1.39	4.41	3.06	1.30	3.63	3.04	6.60	1.09	0.68	5.14	1.52	3.22	35.08
1885	2.82	0.64	0.95	3.99	5.21	1.52	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1892	.....	.....	.....	.....	.....	.....	.....	1.77	4.03	0.15	2.72	1.46	.....
1893	1.80	.....	**1.80**	**6.50**	**3.50**	2.30	**1.60**	**1.00**	1.39	**3.00**	**3.20**	2.25	.....
1894	2.56	3.41	1.53	1.56	2.84	0.62	1.61	0.92	4.06	2.98	1.91	2.23	26.23
1895	3.22	0.80	1.85	1.30	1.52	1.71	1.16	3.15	1.55	1.00	5.76	4.21	27.23
1896	1.54	1.33	2.68	2.91	1.24	3.11	5.41	3.34	3.26	0.35	1.04	3.00	29.21
1897	3.05	1.44	4.14	4.11	3.43	5.11	0.82	2.86	0.28	0.25	**4.50**	**1.20**	31.19
1898	5.68	2.29	4.53	1.58	4.00	1.49	2.35	1.80	1.80	1.76	2.87	2.50	32.65
1899	2.88	1.54	**4.50**	**1.00**	2.57	**1.80**	**4.20**	**5.00**	**3.10**	**2.10**	**2.50**	**2.25**	33.24
1900	**0.80**	3.11	1.14	2.35	2.89	4.22	4.75	2.85	0.92	2.78	4.10	0.72	30.63
1901	1.12	1.03	3.02	2.19	5.28	3.26	1.89	2.25	1.76	2.27	1.35	4.03	29.45
1902	0.59	0.72	4.25	1.81	2.26	6.19	3.02	3.73	'5.99	3.45	2.41	2.97	37.39
1903	1.15	4.14	2.30	5.87	3.19	4.51	4.51	4.32	1.57	3.37	1.40	2.33	38.66
1904	5.09	2.46	6.14	2.21	3.34	1.64	3.69	2.73	2.52	1.92	T.	2.30	34.04
1905	1.45	1.16	2.01	3.21	4.39	5.40	5.47	2.59	2.74	2.45	2.64	2.25	35.76
1906	1.52	1.18	2.45	2.89	2.14	5.45	2.92	5.74	1.54	4.43	3.40	4.52	38.18
1907	5.54	T.	4.91	2.46	4.88	4.75	5.37	2.08	3.07	2.22	1.93	5.55	42.76
1908	1.75	5.58	4.08	**2.45**	3.63	1.20	3.95	2.18	0.53	0.48	1.14	2.23	29.20
Mns	2.44	2.07	3.08	2.76	3.32	3.18	3.49	2.74	2.27	2.23	2.47	2.71	32.76

Note—Values for December, 1883, to June, 1885, are for Junction, about eight miles north of Hedges.

Hiram, Portage County
Elevation, 1,260 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1855	.....	.....	.....	.....	.....	.....	.....	.....	3.12	3.00	.....	.....	.....
1856	3.69	1.48	0.80	1.09	3.58	3.78	1.20	1.93	4.37	0.60	1.70	6.25	30.47
1857	0.80	3.45	0.80	2.76	3.96	5.80	5.14	2.49	1.54	4.33	4.44	3.32	38.83
1858	1.38	1.48	1.52	4.71	3.91	3.23	4.69	3.57	1.23	2.77	2.96	3.26	34.71
1859	2.46	2.42	3.95	4.25	.....	4.35	1.58	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1884	.....	5.14	5.28	1.92	2.31	1.64	4.12	1.63	4.25	2.83	2.17	3.49	.....
1885	3.01	1.70	1.30	3.01	3.92	7.66	5.37	6.66	2.81	5.19	3.73	2.02	46.38
1886	4.34	1.56	1.71	1.52	2.58	2.58	2.38	2.59	2.80	1.28	5.68	2.84	31.86
1887	1.83	9.56	2.86	3.98	3.50	6.64	**1.27**	2.83	3.74	1.86	2.60	2.35	43.02
1888	3.70	1.63	3.08	2.52	3.21	5.41	2.89	4.45	4.61	3.20	3.62	1.62	39.94
1889	2.71	1.31	2.82	2.19	2.48	5.80	2.35	2.22	5.61	1.52	2.25	4.03	35.29
1890	4.43	4.68	3.76	3.22	7.43	4.41	1.68	3.69	4.67	7.74	3.27	2.35	51.33
1891	2.44	5.26	3.27	1.50	2.33	4.56	3.45	2.54	1.40	1.37	4.31	2.41	34.84
1892	1.45	3.43	3.56	1.99	8.37	5.78	3.96	2.19	2.61	1.57	2.51	1.32	38.74
1893	3.09	5.42	4.53	5.37	6.95	2.50	1.83	3.55	1.22	5.19	2.02	3.57	45.24
1894	2.70	2.41	2.62	3.20	3.32	3.23	1.97	0.22	5.47	2.32	3.76	3.72	34.94
1895	3.33	0.83	1.59	1.81	2.00	1.44	2.13	3.16	4.13	1.41	5.02	4.84	31.69
1896	2.23	2.87	3.50	4.89	2.18	3.95	4.57	2.06	4.69	1.10	1.97	2.43	36.44
1897	2.00	3.01	4.58	2.47	5.01	1.85	6.51	3.21	0.76	2.78	6.15	2.50	40.83
1898	4.41	2.40	5.14	2.69	3.00	3.90	3.20	6.03	2.53	5.07	4.66	2.68	45.71
1899	3.05	1.77	4.63	1.25	6.90	2.03	2.19	1.23	3.40	2.14	1.79	4.30	34.68
1900	2.74	3.26	3.45	2.70	2.70	1.91	4.99	**2.19**	2.09	1.99	4.80	1.37	34.19
1901	2.37	1.41	3.51	4.40	3.39	4.53	3.71	4.55	4.37	0.77	3.11	3.85	39.97
1902	1.76	0.72	1.64	3.76	3.59	8.89	7.22	**2.06**	4.25	2.06	2.51	4.40	42.86
1903	2.22	4.21	3.58	4.79	1.32	4.21	5.27	4.62	1.44	3.82	2.46	1.46	39.40
1904	4.91	2.14	3.73	4.11	5.86	2.62	5.17	2.55	1.56	1.22	0.94	1.96	36.77
1905	1.60	1.38	2.46	2.59	5.18	2.71	5.85	5.46	5.13	3.77	2.80	1.74	40.67
1906	1.31	1.22	3.21	2.32	3.19	2.03	6.21	7.46	6.23	5.62	2.80	4.33	45.93
1907	5.47	0.74	5.65	2.99	3.09	4.31	3.60	3.30	4.23	4.09	2.10	2.69	42.26
1908	2.67	3.86	5.60	3.91	3.81	3.38	3.65	1.88	1.17	1.14	0.93	3.01	35.01
Mns	2.79	2.78	3.25	3.03	3.90	3.97	3.73	3.23	3.29	2.82	3.11	3.00	38.90

Hudson, Summit County
Elevation, 1,153 feet

1838	.....	.....	.....	.....	.....	.....	.....	.....	0.11	2.42	1.93	0.54	.....
1839	1.51	1.57	2.77	1.39	3.92	5.21	2.37	1.80	6.20	0.81	3.94	1.53	33.02
1840	1.53	6.22	6.01	3.15	2.75	4.46	3.47	4.08	2.75	3.16	2.31	2.36	42.25
1841	2.36	0.59	2.78	2.40	1.58	3.09	1.30	1.96	1.74	1.90	3.54	3.72	26.96
1842	1.15	3.27	3.53	4.03	1.80	2.46	4.91	5.67	3.08	5.68	1.56	2.22	39.36
1843	2.00	2.18	1.30	1.71	1.73	5.54	1.44	3.30	3.10	2.11	2.40	2.15	28.96
1844	1.05	0.91	3.24	1.29	4.54	5.48	2.49	6.39	2.00	2.94	1.15	1.77	33.25
1845	2.37	2.06	3.27	2.32	2.72	4.37	2.66	3.87	2.71	2.29	2.40	2.04	33.08
1846	1.71	2.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1858	.....	.....	.....	.....	.....	.....	.....	5.23	2.31	2.73	3.91	2.76	.....
1859	2.94	2.70	4.13	3.01	2.71	4.48	1.02	3.71	2.34	3.05	6.55	4.74	41.38
1860	2.01	2.91	3.73	7.47	4.15	4.44	5.20	4.44	4.66	4.57	10.50	5.09	59.17
1861	3.56	4.18	3.58	8.95	6.71	2.70	3.59	4.63	3.49	2.37	3.33	1.19	48.28
1862	3.02	1.97	2.14	2.07	2.61	3.52	3.22	0.85	1.98	3.38	3.57	2.90	31.23
1863	4.81	2.41	2.46	0.73	1.88	1.56	2.57	4.30	0.98	2.61	2.82	2.31	29.44
1864	3.94	1.23	1.81	2.83	2.45	1.49	5.30	6.93	5.95	2.10	2.20	2.94	39.17
1865	2.29	1.67	3.04	2.72	4.21	3.67	7.45	1.86	7.39	2.03	1.17	2.84	40.34
1866	0.17	0.84	0.14	1.25	3.95	6.62	2.99	3.67	6.33	2.57	1.56	5.06	35.15
1867	3.00	2.34	2.95	1.96	2.22	1.41	1.77	0.44	.....	0.87	2.51	0.83	.....
1868	.....	.....	.....	.....	.....	.....	.....	0.30	2.16	2.82	1.51	2.56	0.75	.....
1869	1.21	1.89	2.02	2.27	4.29	5.98	4.45	2.84	.....	.....	.....	.....	.....
1870	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1871	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.45	.....	.....
1872	0.70	0.55	1.45	2.45	2.93	2.80	.....	.....	3.26	5.00	1.10	2.37	.....
1873	2.40	0.85	9.51	3.48	2.18	3.80	7.97	3.26	3.11	4.41	3.40	.....	.....
1874	5.95	3.80	3.20	4.30	1.95	2.25	3.55	1.35	2.75	1.82	3.80	1.92	36.64
1875	2.50	1.30	2.00	1.00	3.85	5.05	2.30	3.65	2.15	1.55	1.10	2.35	28.80
1876	1.95	2.70	2.30	1.35	3.15	1.40	7.30	3.14	5.25	2.50	2.25	3.16	36.45
1877	1.15	0.10	4.34	1.20	0.35	4.30	5.86	5.92	1.40	2.78	3.03	2.45	32.88
1878	4.30	2.50	4.45	2.28	2.01	2.43	9.30	0.71	7.85	4.15	2.50	2.61	45.09
1879	1.54	2.42	.....	1.90	0.90	3.60	5.53	3.05	2.56	0.80	4.19	3.03	.....
1880	3.40	1.97	2.35	3.50	2.35	3.52	.....	2.60	1.82	2.56	2.40	0.22	.....
1881	2.20	2.05	3.49	1.84	1.04	6.47	3.98	.....	3.89	5.65	3.64	5.20	.....
1882	3.29	3.18	2.20	1.87	5.22	.....	.....	.....	.....	.....	.....	.....	.....
1883	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1884	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.45	2.63	.....
1885	2.73	1.51	0.85	2.36	2.59	5.12	5.69	6.03	2.60	3.96	2.95	1.63	38.02
1886	3.13	1.97	2.33	1.85	2.68	2.43	1.97	2.61	3.10	1.02	4.28	3.56	30.93
1887	2.26	6.66	2.73	2.88	3.37	6.67	1.12	1.13	2.04	1.40	2.61	2.16	35.03
1888	2.53	1.56	2.32	2.44	3.45	.....	3.35	4.45	4.45	3.84	4.69	1.54	.....
1889	1.74	1.32	2.76	2.27	2.62	.....	.....	2.52	5.87	2.18	2.63	4.34	.....
1890	4.47	5.10	.....	3.14	7.68	2.89	2.06	1.93	5.31	7.38	3.34	2.69	.....
1891	1.70	5.85	4.10	1.22	1.85	4.31	4.94	3.30	1.33	1.49	5.07	**2.40**	37.56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1895	.....	.....	.....	.....	.....	.....	1.42	5.91	2.56	0.91	5.57	.....	.....
1896	1.37	2.75	4.60	3.70	1.49	7.70	7.07	1.96	4.44	1.09	2.30	1.82	40.29
1897	3.51	2.80	3.29	2.14	4.76	2.34	4.45	4.34	1.33	1.31	7.11	2.89	40.27
1898	5.49	4.11	4.34	2.31	3.43	2.69	3.80	5.51	2.20	4.46	4.78	2.72	45.84
1899	2.70	2.50	4.05	1.24	7.11	1.98	4.20	3.78	3.07	2.36	1.57	4.19	38.75
1900	2.83	4.32	0.92	2.41	1.62	1.43	4.73	2.05	3.02	2.29	4.43	1.05	31.10
1901	1.65	1.95	1.84	4.35	4.20	2.72	3.31	5.11	4.05	0.64	3.10	3.38	36.30
1902	3.00	1.37	1.81	3.48	2.76	7.70	8.60	2.60	4.60	2.23	2.09	4.26	44.50
1903	**2.45**	4.00	2.65	4.10	1.32	**3.70**	7.70	8.66	2.90	2.45	2.55	1.63	44.11
1904	3.80	2.75	4.31	3.94	6.30	1.69	6.56	4.08	1.94	1.06	1.08	2.30	39.81
1905	2.12	2.45	3.84	3.19	5.04	3.62	5.83	3.62	4.57	2.74	2.54	2.10	41.66
1906	1.18	1.40	3.41	1.71	2.47	2.32	6.42	4.76	6.82	5.06	2.97	3.35	41.87
1907	**5.10**	1.30	5.70	2.51	3.52	4.21	2.48	3.04	3.26	5.05	1.71	2.97	40.85
1908	2.13	4.23	6.19	3.66	4.41	2.88	3.67	1.61	0.91	1.13	0.18	2.87	33.87
Mns	2.57	2.50	3.18	2.70	3.18	3.74	4.17	3.56	3.35	2.69	3.05	2.60	37.29

Hillhouse, Lake County
Elevation, 997 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1892	.....	.....	.....	.....	.....	.....	.....	3.60	5.56	2.23	2.98	2.08	.....
1893	2.26	4.28	2.21	4.57	11.67	1.69	1.59	2.84	0.81	7.10	4.03	3.70	46.75
1894	2.31	1.95	2.96	2.15	5.18	3.23	2.21	0.62	6.97	5.12	3.29	3.75	39.74
1895	5.41	2.65	2.02	1.28	2.46	2.77	3.15	3.33	3.48	2.35	5.11	4.33	38.34
1896	1.50	4.75	3.30	3.83	2.26	5.92	6.88	4.21	5.19	2.03	4.03	1.97	45.87
1897	2.62	2.27	2.60	1.92	4.44	1.60	7.64	4.82	0.88	2.35	6.41	2.84	40.39
1898	3.71	2.78	4.67	1.72	2.72	3.44	3.15	5.74	2.78	5.18	4.32	3.72	43.93
1899	2.84	2.82	4.22	1.17	7.14	3.03	3.64	1.06	5.58	2.53	1.79	5.62	41.44
1900	3.11	3.56	2.44	2.29	1.32	1.74	6.02	2.72	2.00	2.58	3.82	1.54	33.14
1901	2.17	2.06	2.76	2.53	4.83	2.95	5.11	2.57	5.51	1.75	4.24	5.06	41.54
1902	2.04	1.24	1.98	3.00	6.18	7.94	8.75	1.58	5.13	5.21	1.96	3.64	48.65
1903	1.86	3.99	1.75	4.39	2.93	6.04	5.62	4.69	2.70	3.76	2.78	2.11	42.62
1904	3.66	2.52	5.83	3.75	5.31	1.71	4.86	3.90	3.64	2.60	1.03	1.52	40.33
1905	2.00	1.33	1.88	2.53	5.74	4.43	6.42	3.55	3.36	5.90	2.92	1.39	41.45
1906	1.06	1.40	2.65	2.13	2.85	2.34	2.79	4.29	4.25	8.97	3.64	4.02	40.39
1907	5.26	0.52	2.82	2.28	3.93	6.14	4.06	1.09	6.37	6.93	2.48	4.20	46.08
1908	2.27	3.52	3.62	3.30	3.79	2.78	1.90	1.17	0.73	2.43	1.34	3.04	29.89
Mns	2.76	2.60	2.98	2.68	4.55	3.61	4.61	3.05	3.82	4.06	3.30	3.21	41.23

Kelly's Island, Erie County
Elevation, 614 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1859	.....	.....	.....	.....	.....	.....	0.79	2.04	2.97	1.33	2.47	1.95	.....
1860	1.19	0.83	0.95	5.06	1.24	1.08	5.20	2.62	2.09	2.93	1.17	1.52	25.88
1861	1.27	1.01	3.38	4.19	2.13	1.32	3.69	4.34	2.52	2.09	3.00	1.11	30.05
1862	2.80	2.13	5.18	3.26	4.19	4.21	5.06	1.84	2.14	2.50	3.90	4.71	41.92
1863	3.04	2.62	1.51	1.98	2.12	3.00	1.43	4.74	1.29	2.84	3.51	2.89	30.97
1864	1.75	0.64	2.11	4.47	4.04	1.77	4.81	3.20	4.89	3.20	4.43	2.10	37.41
1865	1.27	1.53	2.04	2.65	2.46	2.77	4.54	1.75	8.23	3.11	0.43	3.26	34.04
1866	1.81	1.68	2.81	1.11	3.77	7.42	2.59	2.29	7.15	1.84	3.48	2.23	38.18
1867	1.46	3.42	1.98	3.27	5.08	1.19	3.63	.....	0.84	1.68	1.31	2.33	.....
1868	1.00	0.80	3.91	1.83	2.86	5.98	0.53	3.78	3.29	0.78	2.24	0.45	27.45
1869	0.71	2.67	2.45	3.22	5.11	6.07	1.39	1.50	1.99	1.93	3.55	1.99	32.58
1870	4.95	1.00	3.08	1.89	1.27	3.85	6.32	1.52	1.50	3.13	1.64	1.83	31.96
1871	0.59	2.60	2.02	0.66	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mns	1.82	1.74	2.62	2.80	3.12	3.51	3.33	2.47	3.24	2.28	2.59	2.20	31.72

Lordstown, Trumbull County
Elevation, 1,000 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1883	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.48	3.60	.....
1884	1.74	5.41	2.37	1.35	1.76	1.16	6.29	2.91	3.73	2.71	1.52	2.78	33.73
1885	3.60	2.20	0.83	2.27	3.23	5.78	3.28	6.71	2.39	4.23	1.92	1.99	38.43
1886	5.14	2.19	2.15	3.05	2.16	1.95	3.01	.....	2.01	1.19	4.01	2.16	.....
1887	1.09	5.51	2.15	3.22	2.42	.....	.....	.....	2.46	.....	.....	.....	.....
1888	2.73	1.31	1.43	1.66	2.15	2.54	4.54	4.46	3.86	3.75	3.12	1.47	33.02
1889	3.20	1.06	2.18	2.83	2.20	3.76	2.35	1.70	2.65	1.98	2.21	3.09	29.21
1890	3.73	4.40	3.81	3.05	7.84	2.87	2.87	3.94	5.94	6.36	2.31	2.52	49.64
1891	2.17	4.03	3.14	1.74	2.51	4.77	2.79	1.69	2.46	1.10	2.89	2.40	31.69
1892	2.15	2.87	2.89	1.58	7.31	6.80	4.18	2.79	1.74	0.79	1.93	1.21	36.24
1893	2.32	4.87	3.21	5.40	5.20	1.80	2.92	2.56	1.09	5.26	1.25	3.24	39.12
1894	2.24	2.65	2.32	2.81	2.73	2.82	3.20	0.24	4.52	1.81	3.32	2.43	31.09
1895	3.84	0.40	1.61	1.56	1.90	2.69	2.01	2.90	3.22	1.07	3.01	4.51	28.72
1896	1.62	3.14	2.58	3.74	1.70	5.13	6.73	1.98	3.99	0.89	1.60	3.00	36.10
1897	2.07	2.80	3.68	2.74	3.55	2.28	8.37	3.47	0.93	0.39	4.71	2.26	37.25
1898	4.15	1.88	4.47	2.01	4.45	5.15	4.70	4.95	1.91	3.86	3.38	2.36	43.27
1899	2.03	1.71	3.89	1.06	5.00	3.51	3.17	1.26	3.87	1.93	1.55	3.31	32.29
1900	2.03	3.65	2.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1901	1.91	1.16	3.10	8.21	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mns	2.65	2.85	2.66	2.84	3.51	3.53	4.03	2.97	2.92	2.49	2.58	2.65	35.68

Mansfield, Richland County
Elevation, 1,154 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1887	.....	.....	.....	.....	.....	.....	.....	1.09	1.72	0.95	2.54	1.58	.....
1888	4.27	1.50	3.79	1.99	4.20	4.15	3.72	3.91	3.44	3.35	4.72	1.91	40.95
1889	4.15	1.52	0.88	2.81	4.33	4.88	3.96	3.05	4.03	1.04	3.85	3.66	38.16
1890	5.00	6.03	4.87	3.83	6.38	4.73	1.75	6.04	3.61	5.68	3.56	1.54	53.02
1891	2.56	6.44	3.69	2.68	2.03	6.09	2.28	2.15	1.19	2.27	7.10	3.68	42.16
1892	2.54	3.72	4.05	2.79	8.70	7.19	3.42	2.85	1.89	0.98	3.04	1.60	42.77
1893	3.10	7.04	2.76	7.59	6.17	2.93	2.36	0.73	2.35	4.09	2.79	3.44	45.35
1894	2.78	3.38	2.59	2.58	5.23	4.81	1.41	0.50	2.45	1.99	2.23	3.06	33.01
1895	3.53	0.67	1.92	2.48	1.68	4.78	.....	.....	.....	.....	.....	.....	.....
1896	1.47	3.25	4.06	4.93	2.47	3.96	.....	.....	.....	.....	.....	.....	.....
1897	2.30	3.37	5.30	2.71	5.89	2.67	3.91	2.77	0.50	0.69	6.46	1.45	38.02
1898	5.47	4.09	7.31	3.20	6.65	2.91	1.72	4.23	3.48	4.93	6.00	4.30	54.29
1899	3.61	2.31	5.55	1.75	4.60	6.42	4.75	1.60	4.55	3.20	2.40	3.39	44.13
1900	2.89	4.75	4.30	4.85	3.50	4.15	7.88	4.65	2.23	2.15	4.63	1.62	47.60
1901	3.20	1.45	4.40	3.30	7.18	4.05	5.23	4.40	5.60	0.83	2.37	3.10	45.11
1902	1.52	1.10	2.58	3.68	2.50	6.25	6.90	0.93	3.70	1.46	2.79	3.56	36.97
1903	2.41	3.90	2.69	4.50	2.29	4.40	3.75	3.13	2.25	2.93	2.63	2.48	37.36
1904	5.35	3.78	7.88	6.25	3.80	3.55	5.35	3.14	1.53	1.30	.....	3.16	.....
1905	1.60	1.50	2.14	2.95	6.45	6.20	5.30	5.54	4.20	2.70	2.90	2.20	43.68
1906	2.10	1.55	4.48	2.75	2.40	.....	.....	.....	6.00	.....	.....	3.25	.....
1907	7.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mns	3.38	3.23	3.96	3.56	4.55	4.67	3.98	2.98	3.03	2.38	3.75	2.77	42.19

Lima, Allen County
Elevation, 875 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1882	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.59	1.70	.....
1883	0.88	7.82	1.10	2.81	6.13	4.51	5.39	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1887	4.00	6.60	2.40	3.10	6.20	4.60	2.10	3.20	1.30	1.50	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1901	.....	.....	.....	2.17	3.55	5.16	1.16	3.09	1.65	0.88	1.32	2.98	.....
1902	0.28	1.16	3.53	1.03	0.87	6.70	2.81	2.11	4.38	1.93	2.18	3.49	30.47
1903	2.78	4.88	1.90	6.48	2.49	3.65	2.21	1.96	2.55	3.78	1.78	3.42	37.88
1904	6.52	2.80	8.03	5.99	2.91	2.74	5.43	2.93	2.25	2.14	0.10	3.25	45.09
1905	2.60	2.07	2.06	3.02	3.73	3.92	4.12	3.75	4.46	2.04	2.13	2.45	36.35
1906	1.25	1.27	3.88	3.25	2.97	3.16	3.14	6.04	0.48	2.65	2.84	3.74	34.67
1907	5.89	0.30	5.36	1.35	2.26	3.75	5.52	1.76	3.99	1.47	2.41	3.99	38.05
1908	1.31	4.15	6.68	4.16	4.82	2.61	2.49	1.61	0.44	0.99	1.14	2.04	32.44
1909	3.22	6.48	3.13	4.53	5.87	6.76	2.64	1.23	1.90	2.26	2.88	3.55	44.45
Mns	2.87	3.75	3.81	3.44	3.80	4.32	3.36	2.77	2.34	1.96	1.84	3.06	37.32

Little Mountain, Lake County

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1867	4.40	1.95	2.10	.....	6.12	1.31	5.19	1.75	1.88	4.50	2.13	6.05	.....
1868	3.65	1.57	.....	.....	.....	.....	.....	5.37	7.75	2.06	5.55	4.30	.....
1869	1.82	4.65	4.37	3.53	4.50	5.62	7.50	3.50	8.00	6.10	.....	2.57	.....
1870	7.80	1.97	6.84	5.57	3.06	6.75	12.12	3.18	4.56	9.00	3.87	6.10	70.82
1871	7.47	3.30	4.08	3.05	2.85	6.00	3.60	7.70	1.20	1.90	3.10	3.80	48.05
1872	2.11	1.32	1.28	2.16	4.15	2.60	5.50	3.50	6.20	5.40	2.53	5.15	41.90
1873	3.30	3.00	6.68	5.77	3.10	6.50	8.85	3.55	3.55	4.80	3.85	6.50	59.45
1874	7.17	5.12	3.10	3.69	3.55	4.00	4.80	1.35	4.80	1.00	3.45	4.15	46.18
1875	2.00	1.95	4.25	3.95	5.70	3.90	1.00	6.20	7.70	5.55	3.00	4.40	49.60
1876	4.90	6.60	6.25	1.30	2.45	2.80	4.60	2.00	7.80	3.90	4.35	4.17	51.12
1877	4.05	0.10	4.90	2.70	1.10	3.70	1.50	4.50	2.20	3.50	2.70	3.51	34.46
1878	5.60	2.10	3.80	1.50	2.40	1.60	3.30	1.30	.....	3.50	2.30	6.25	.....
1879	.....	1.30	3.10	2.20	0.60	3.00	1.30	3.50	4.36	0.70	4.90	4.55	....
1880	2.90	1.60	1.93	4.45	4.05	5.90	6.40	3.05	4.61	4.35	3.90	2.70	45.84
1881	2.50	2.10	2.32	2.64	0.95	6.55	1.45	0.30	4.95	7.21	.....	.....	.....
Mns	4.26	2.58	3.93	3.27	3.18	4.30	4.79	3.38	4.97	4.23	3.51	4.59	46.99

Margaretta, Erie County

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1868	2.94	0.88	5.96	4.13	6.17	13.47	0.58	5.22	3.20	1.12	2.57	0.84	47.08
1869	1.22	4.39	2.67	3.22	7.98	6.89	5.52	1.71	3.19	2.96	4.26	2.47	46.48
1870	6.80	1.12	3.55	2.27	2.17	7.24	5.28	1.72	1.83	4.64	2.95	2.48	42.05
1871	1.19	3.90	2.75	2.89	1.77	3.77	3.90	8.21	2.17	1.68	2.58	1.78	36.59
1872	0.70	0.92	1.31	12.63	4.01	2.34	10.03	4.87	3.04	2.57	0.90	1.41	44.73
1873	3.44	1.62	2.79	6.62	2.57	2.51	5.70	2.06	2.56	2.81	2.72	.....	.....
1874	4.88	6.09	1.40	2.28	3.59	4.06	3.61	3.27	3.43	2.28	2.60	0.69	38.18
1875	1.10	1.32	2.36	1.75	3.31	5.37	1.30	6.57	5.46	2.88	2.80	3.17	37.39
1876	2.58	4.47	5.81	1.24	5.63	2.28	3.88	4.49	5.76	2.52	1.70	1.36	41.72
1877	2.72	0.15	5.40	2.57	1.06	4.84	1.03	6.67	1.18	3.54	3.80	0.72	33.68
1878	2.17	2.49	5.02	3.03	2.68	2.36	6.28	2.74	6.01	2.83	2.31	2.82	40.74
1879	0.74	1.41	1.88	1.40	1.21	3.85	2.97	1.76	5.20	0.40	3.82	2.88	27.52
1880	2.74	1.79	2.50	3.17	4.91	1.83	5.35	4.07	2.26	2.14	1.82	0.86	33.44
1881	1.20	0.88	3.08	1.68	0.36	7.98	4.00	0.71	4.08	5.25	3.00	4.77	36.99
1882	1.40	3.17	2.45	1.89	5.35	3.61	1.63	6.64	1.63	2.16	2.89	2.14	34.96
1883	1.24	1.75	0.44	1.30	5.33	3.98	5.61	4.30	3.13	3.20	2.73	0.20	33.21
1884	1.18	4.67	2.99	1.48	3.46	2.15	5.62	1.71	3.38	1.06	0.74	2.85	31.29
1885	2.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mns	2.29	2.41	3.08	3.15	3.62	4.62	4.25	3.92	3.38	2.59	2.60	1.96	37.87

Napoleon, Henry County
Elevation, 680 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1885	.....	.....	.....	.....	.....	.....	.....	3.60	3.03	2.78	2.71	2.10	.....
1886	2.25	0.47	1.38	3.29	3.78	1.05	0.23	3.61	5.15	1.42	2.97	2.87	28.47
1887	1.85	5.38	1.21	1.94	2.73	3.20	1.25	1.59	1.12	2.22	3.14	2.36	27.99
1888	2.23	1.21	2.95	1.19	3.00	4.22	2.04	2.02	0.16	1.71	4.71	1.45	26.89
1889	2.12	1.21	2.09	1.60	5.05	3.98	4.95	1.47	1.70	0.98	3.02	2.27	30.44
1890	5.37	3.31	2.55	6.85	5.77	5.95	0.13	4.08	3.74	4.12	2.54	1.11	45.52
1891	1.04	3.35	3.31	3.10	1.00	6.70	3.30	4.13	1.58	1.94	4.74	1.23	35.42
1892	1.20	2.35	1.77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1893	.....	.....	.....	5.18	2.70	1.78	2.51	1.50	1.35	3.71	3.02	2.82	.....
1894	2.05	1.98	2.21	2.02	4.62	4.88	1.95	1.20	3.20	2.52	1.50	2.15	30.28
1895	2.07	0.13	0.59	1.54	2.20	1.08	1.23	1.74	2.25	0.69	3.24	4.42	21.18
1896	1.40	1.78	2.18	2.56	2.35	3.49	7.71	1.59	4.77	1.23	2.41	2.43	33.90
1897	1.60	1.95	4.05	3.04	2.27	3.75	3.84	1.32	0.46	0.67	4.57	1.81	29.33
1898	3.84	2.24	4.91	1.86	4.80	1.33	4.09	3.09	3.96	2.71	2.65	3.06	38.54
1899	1.25	2.52	4.39	1.56	2.68	1.51	5.19	0.85	3.60	2.24	1.63	3.48	30.90
1900	0.65	4.33	2.79	2.50	2.30	5.47	3.48	2.80	1.34	2.62	3.61	0.95	32.84
1901	1.58	1.25	2.51	2.01	4.03	5.10	2.98	2.53	0.64	1.73	1.27	3.02	28.65
1902	0.35	0.84	2.36	1.49	3.58	7.91	4.70	0.52	8.39	2.73	2.28	3.52	38.67
1903	**1.35**	**4.30**	1.74	4.47	2.31	4.92	4.80	5.64	2.39	1.11	1.64	1.74	36.41
1904	5.21	3.34	4.24	2.24	3.24	1.17	1.56	1.87	2.94	1.47	0.13	1.93	29.34
1905	0.78	1.27	1.21	2.99	5.82	7.34	4.93	4.06	1.76	1.56	3.82	1.67	37.21
1906	0.98	0.59	1.80	2.17	1.74	2.20	3.96	5.97	1.80	2.19	2.86	4.22	30.48
1907	5.28	0.21	4.37	1.83	4.19	4.83	4.34	2.62	5.55	2.06	1.69	3.58	40.55
1908	1.90	2.90	3.49	3.23	6.21	1.42	5.55	2.77	0.32	0.75	0.92	2.00	31.46
Mns	2.11	2.13	2.64	2.67	3.47	3.78	3.40	2.63	2.66	1.96	2.66	2.44	32.55

Medina, Medina County
Elevation, 944 feet

Year	January	February	March	April	May	June	July	August	September	Oetober	November	Decemher	Annual
1857	.....	.....	1.48	4.30	3.24	6.62	6.47	1.91	1.27	3.39	4.33	5.36	.....
1858	1.05	2.11	1.73	4.50	7.02	3.59	7.47	3.02	1.27	.....	2.50	1.93	.....
1859	1.37	1.20	1.50	2.67	1.54	2.25	1.10	4.83	2.74	1.92	4.54	3.21	28.87
1860	1.72	0.80	1.04	5.49	2.71	1.86	4.22	2.58	3.10	3.41	1.69	2.02	30.64
1861	1.58	1.57	1.99	4.01	3.14	1.99	3.34	2.56	2.16	2.12	2.90	1.10	28.46
1862	3.42	1.79	3.27	2.56	3.64	4.04	3.05	0.51	1.16	2.93	3.13	3 95	33.45
1863	5.28	3.06	2.96	0.74	1.80	1.85	1.30	2.75	2.38	2.07	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1884	.....	.....	.....	0.81	3.15	2.20	4.13	2.23	4.03	2.52	.....	3.07	.....
1885	2.64	0.87	1.17	2.59	4.59	5.35	4.06	7.52	2.17	3.48	2.86	1.01	38.31
1886	3.94	0.61	3.44	3.82	2.58	3.34	3.93	3.32	2.83	0.96	3.90	.....	.....
1887	1.76	6.04	2.05	2.96	2.34	4.43	0.92	1.43	2.26	1.37	3.19	2.32	31.07
1888	1.73	1.46	2.62	2.56	4.85	4.80	4.08	4.69	4.33	3.47	4.28	1.43	40.30
1889	2.86	1.71	2.47	3.13	3.61	5.19	3.23	1.64	4.14	1.73	2.59	3.86	36.16
1890	3.92	4.93	4.60	4.13	6.14	3.85	2.03	5.52	5.31	5.77	3.49	2.90	52.59
1891	1.95	5.04	2.47	0.48	2.30	4.79	4.09	2.44	1.25	1.31	5.03	2.35	33.50
1892	2.20	2.14	1.94	2.89	6.75	7.25	4.24	4.03	1.57	1.17	3.04	1.35	38.57
1893	4.35	3.43	1.33	3.53	5.69	1.17	3.14	2.82	1.05	4.12	2.18	2.80	35.61
1894	1.86	2.69	2.56	1.85	5.29	2.71	1.39	0.60	5.35	2.50	2.88	2.09	31.77
1895	2.92	0.54	1.47	1.75	2.20	1.87	2.30	4.21	1.89	1.35	4.87	4.15	29.52
1896	1.51	3.21	3.07	4.00	1.71	4.54	8.46	2.60	4.37	0.83	1.95	2.38	38.63
1897	2.27	2.20	5.25	2.16	7.17	2.66	4.04	2.78	1.14	0.77	5.99	1.86	38.29
1898	4.27	2.44	4.47	2.42	3.05	1.71	3.85	5.96	2.97	4.33	3.01	3.76	42.24
1899	3.60	1.73	4.00	1.88	6.03	1.06	2.51	1.68	3.68	2.81	1.57	3.48	34.03
1900	2.22	3.04	2.28	1.85	1.15	2.55	5.48	3.21	3.51	2.83	4.00	0.96	33.08
1901	1.63	0.98	3.70	3.69	5.74	4.39	4.11	2.95	3.67	0.59	2.38	3.92	37.75
1902	2.50	0.93	2.21	2.87	3.02	8.05	6.84	1.99	5.10	2.06	2.09	3.53	41.19
1903	2.31	4.11	2.26	4.51	1.53	4.37	6.20	4.66	1.34	2.95	2.61	1.55	38.40
1904	4.88	2.86	4.61	3.83	3.78	2.14	5.08	3.70	2.93	1.06	1.15	2.61	38.63
1905	1.66	1.62	2.67	3.81	4.61	2.61	6.75	5.67	3.58	3.17	2.40	1.53	40.08
1906	1.54	1.47	2.97	1.53	1.96	2.64	4.37	4.09	3.48	4 06	2.37	4.15	34.63
1907	5.25	0.61	4.83	3.04	3.52	4.47	1.90	2.25	3.55	4.22	1.82	3.04	38.50
1908	1.85	3.14	5.98	4.23	4.03	2.81	2.95	2.40	1.53	1.15	0.91	2.67	33.65
Mns	2.67	2.28	2.85	2.96	3.68	3.54	3.97	3.20	2.85	2.47	2.99	2.68	36.14

Note—Values for 1884 to 1894 are for Weymouth, about five miles northeast of Medina.

New Waterford, Columbiana County
Elevation, 1,053 feet

1855	1.90	1.00	2.10	1.10	3.00	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1858	0.55	3.30	1.08	4.12	7.44	4.76	4.12	3.84	1.30	3.01	3.48	5.45	42.45
1859	1.49	4.02	3.30	4.56	1.37	3.11	2.85	3.38	4.62	3.13	3.96	4.39	40.18
1860	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1861	2.17	1.44	1.69	2.71	3.00	2.75	2.02	9.59	2.68	1.84	4.05	1.34	35.28
1862	4.71	2.57	3.04	2.70	2.16	3.35	1.38	0.18	1.07	1.22	2.92	3.46	28.76
1863	.....	2.41	3.18	0.88	1.41	2.98	2.15	1.89	2.44	2.98	1.04	3.83	.....
1864	1.72	1.34	2.96	2.21	2.24	0.93	1.87	4.74	5.97	2.18	1.63	2.32	30.11
1865	3.50	2.03	5.44	3.72	2.26	6.27	3.70	2.79	6.75	1.15	1.04	2.72	41.37
1866	1.33	1.88	4.75	2.78	1.46	11.19	4.10	3.42	7.68	2.22	2.56	3.62	46.99
1867	3.59	2.70	4.91	3.99	4.88	3.45	8.13	3.53	0.21	2.74	1.15	2.90	37.18
1868	2.69	1.55	3.14	2.84	4.53	1.85	4.80	2.88	2.38	1.24	2.58	2.21	32.69
1869	3.44	1.89	4.12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1870	.....	3.10	4.09	.....	.....	.....	.....	.....	.....	.....	.....	2.73	.....
1871	.....	.....	2.39	1.53	2.08	4.77	6.43	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1894	.....	.....	.....	.....	.....	.....	.....	.....	0.58	4.27	2.20	1.98	3.49	.....
1895	6.90	0.54	0.90	1.76	1.44	2.39	3.36	5.00	1.52	1.42	3.50	5.50	34.23
1896	1.74	3.07	3.13	4.52	1.98	8.09	8.11	3.24	4.46	1.39	1.54	2.46	43.73
1897	1.88	4.81	4.02	3.40	2.60	4.10	8.88	2.09	1.59	0.21	5.72	4.49	43.79
1898	6.43	3.30	6.10	1.83	4.18	5.57	3.70	6.50	1.95	3.82	4.34	3.48	51.20
1899	2.68	2.67	4.15	1.61	5.69	3.20	3.44	2.08	4.09	1.85	1.96	3.36	36.78
1900	2.24	3.75	2.84	1.42	2.94	3.58	7.69	3.83	1.52	2.11	5.71	2.13	39.76
1901	2.12	1.20	3.99	6.96	4.58	4.21	2.65	7.21	3.85	0.29	3.51	3.24	43.81
1902	3.05	1.85	3.22	2.26	3.15	6.05	5.53	2.30	2.09	2.74	1.84	6.11	40.18
1903	2.61	5.42	5.34	2.87	2.20	6.51	4.07	5.72	0.32	3.43	2.25	2.41	43.15
1904	4.40	3.98	4.39	5.72	3.71	5.23	3.70	3.53	0.72	0.95	0.68	3.21	40.22
1905	1.25	0.69	3.25	2.68	3.79	6.31	4.21	3.30	3.20	3.11	2.29	2.38	36.46
1906	1.84	1.23	3.86	2.42	2.16	3.36	4.17	5.44	2.89	3.06	2.42	3.73	36.58
1907	5.63	1.66	6.90	4.08	3.50	3.92	3.12	1.77	3.77	1.91	1.71	2.85	40.82
1908	2.07	3.00	5.78	3.08	5.24	2.91	2.25	2.73	0.04	2.51	1.52	3.17	34.30
Mns	2.88	2.46	3.72	2.99	3.19	4.43	4.06	3.66	2.86	2.11	2.62	3.35	38.33

Note—Values for 1855 to 1871 are for New Lisbon, about nine miles southwest of New Waterford.

Strongsville, Cuyahoga County

1892	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.62	2.26	1.06	.....
1893	1.44	3.82	2.35	3.92	11.17	1.13	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1896	.....	.....	.....	4.67	1.28	9.65	7.95	1.60	5.97	0.73	1.96	2 96	.....
1897	1.79	2.19	3.17	3.88	5.99	1.88	5.56	3.25	1.13	0.87	7.02	1.94	38.67
1898	4.55	3.07	4.62	2.37	3.43	5.60	4.25	5.64	2.72	5.59	3.36	6.04	51.24
1899	3.65	1.97	4.50	3.11	5.58	2.10	5.75	0.61	3.14	2 86	1.55	4.81	39.63
1900	3.02	4.08	2.46	2.22	1.85	1.36	4.73	2.49	3.56	2.22	4.91	0.94	33.84
1901	2.23	1.60	4.00	4.06	5.14	3.82	3.15	7.46	5.51	0.47	2.11	4.64	44.19
1902	1.44	0.90	2.74	2.91	4.29	9.34	7.39	4.52	5.58	3.03	2.35	2.81	47.30
1903	1.47	4.00	3.18	6.63	1.45	3.78	6.49	8.70	1.88	3.09	2.90	2.00	45.57
Mns	2.45	2.70	3.38	3.75	4.46	4.30	5.66	4.28	3.69	2.28	3.16	3.02	43.13

Montpelier, Williams County
Elevation, 880 feet

Year	January	February	March	April	May	June	July	August	Septmber	October	November	December	Annual
1891	.....	.....	3.63	2.71	1.91	2.28	1.60	3.91	0.65	0.92	5.73	1.93	.....
1892	1.54	.....	3.58	3.40	10.23	3.62	3.15	1.81	5.79	0.17	5 32	1.74	.....
1893	2.14	3.74	1.57	6.04	3.14	4.24	2.02	0.35	1.69	3.07	3.88	4.38	36.26
1894	1.36	3.20	2.63	2.46	5.11	1.55	0.70	1.19	5.13	2.64	1.88	1.30	29.15
1895	2.79	0.75	0.73	1.61	2.19	1.02	1.38	4.52	1.47	0.89	4.74	5.57	27.66
1896	1.65	1.65	1.89	6.87	3.20	3.49	10.62	6.39	5.15	1.09	2.33	1.67	46.00
1897	2.53	1.65	4.26	3.51	2.67	4.04	2.46	1.31	0.87	0.35	4.06	2.66	30.37
1898	3.72	1.95	5.79	1.18	4.31	2.74	5.46	1.38	3.46	3.22	3.16	2.55	38.92
1899	2.09	2.01	3.41	1.92	3 65	2.05	3.95	2.81	2.47	4.50	2.09	3.10	34.05
1900	0.96	4.44	2.39	2.23	2.09	6.61	6.35	2.16	1.63	3.62	3.92	0.57	36.97
1901	3.30	1.70	2.44	2.82	3.52	4.01	5.07	2.45	0.82	4.09	1.71	3.10	35.03
1902	0.89	0.86	3.38	1.23	5.68	9.77	4.82	1.28	5.57	1.64	2.83	3.57	41.52
1903	1.91	3.11	1.66	5.86	4.00	3.29	5.23	5.39	1.41	2.06	2.30	2.98	39.20
1904	4.16	4.39	4.81	3.34	4.56	3.30	3.62	4.02	4.47	2.05	0.20	2.09	41.01
1905	1.51	1.70	1.60	3.71	6.90	5.29	3.62	4.44	2.28	3.25	2.52	2.32	39.14
1906	.....	0.95	2.11	1.95	2.69	5.21	.....	.....	.....	.....	.....	.....	.....
1907	.....	.....	.....	2.15	4.79	4.26	4.84	2.21	6.80	3.89	2.07	4.89	.....
1908	1.70	5.64	3.21	2.21	6.69	2.09	2.61	2.78	0.94	0.88	1.02	1.60	31.37
Mns	2.15	2.52	2.89	3.07	4.30	3.83	3.97	2.85	2.98	2.25	2.93	2.71	36.45

New Berlin, Stark County
Elevation, 1,100 feet

1892	.....	.....	.....	.....	.....	.....	.....	3.05	2.44	0.79	1.33	0.94	.....
1893	0.94	2.53	1.86	4.61	4.35	1.83	1.83	2.50	1.43	3.72	1.13	3.49	30.22
1894	1.62	1.81	1.68	2.33	4.49	1.16	1.72	0.13	2.88	1.72	2.41	2.14	24.09
1895	3.77	0.60	1.66	2.19	1.28	3.40	2.81	5.48	1.90	1.28	3.40	4.04	31.81
1896	1.65	2.06	1.94	5.47	1.97	6.15	7.42	2.78	4.85	0.75	2.04	2.58	39.66
1897	1.37	2.32	3.57	2.45	3.95	2.37	7.55	2.39	1.56	0.50	5.82	1.82	35.67
1898	3.82	2.16	5.39	1.90	4.86	3.07	4.84	6.78	2.45	4.61	3.57	2.28	45.73
1899	2.13	1.49	3.78	2.13	6.71	2.61	3.45	1.49	3.26	2.22	1.54	2.27	33.08
1900	1.54	2.79	2.49	1.70	2.92	2.05	5.13	3.40	2.12	1.86	3.70	1.08	30.78
1901	1.54	1.30	3.57	5.16	3.94	3.23	3.43	2.07	5.06	0.64	2.00	3.61	35.55
1902	1.20	0.93	2.16	2.59	3 20	6.95	6.36	2.56	3.46	1.58	2.07	3.82	36.88
1903	2.32	3.02	3.51	4.33	1.54	3.64	3.13	6.31	0.92	3.46	2.52	2.04	36.74
1904	4.69	3.19	4.83	5.79	4.02	2.49	3.70	4.40	1.14	1.45	0.73	2.15	38.58
1905	1.63	1.35	3.27	3.07	4.52	9.20	5.02	5.96	3.93	2.83	2.10	1.81	44.69
1906	1.05	0.64	3.17	1.73	2.57	2.88	5.48	4.30	3.92	4.00	2.19	3.67	35.60
1907	5.49	0.81	5.10	3.03	2.81	4.96	3.74	1.81	2.20	2.48	1.67	2.38	36.48
1908	1.92	1.93	5.54	4.50	3.88	1.68	2.69	3.16	0.86	0.68	1.10	2.84	30.78
Mns	2.29	1.81	3.34	3.31	3.56	3.60	4.27	3.45	2.61	2.03	2.31	2.53	35.11

North Royalton, Cuyahoga County
Elevation, 1,000 feet

1892	.....	.....	.....	.....	.....	.....	.....	4.31	1.54	1.19	2.26	1.27	.....
1893	1.70	4.58	3.10	4.47	10.68	1.77	2.56	4.89	0.77	4.47	1.78	3.14	43.91
1894	2.63	2.34	1.76	2.14	4.23	2.67	1.51	0.71	5.31	2.71	1.61	2.72	30.34
1895	3.03	1.42	1.61	1.59	2.25	4.01	2.24	5.19	1.19	1.17	4.50	3.79	31.99
1896	1.53	3.39	2.33	3.52	1.52	8.51	6.53	3.47	5.40	1.50	2.54	1.91	42.15
1897	2.34	1.66	4.10	2.29	6.28	1.91	3.08	4.67	0.50	0.62	5.28	2.21	34.94
1898	4.33	2.26	3.96	2.02	2.95	3.62	3.39	4.27	2.82	4.66	3.44	2.63	40.35
1899	2.73	1.53	2.65	1.87	5.33	1.22	3.77	0.72	3.68	2.52	1.27	3.43	30.72
1900	2.80	3.02	1.75	1.31	1.53	2.20	5.32	3.71	3.71	2.50	3.72	1.22	32.79
1901	1.25	1.85	3.44	2.81	5.98	3.61	4.12	3.37	4.55	0.52	2.67	3.99	38.16
1902	3.20	0.46	2.59	1.96	3.02	8.22	7.95	3.03	4.64	2.10	2.11	3.69	42.97
1903	2.48	4.33	2.00	5.30	1.43	4.42	7.28	7.49	2.40	3.10	3.54	2.49	46.26
1904	5.68	3.71	5.16	2.79	5.20	1.72	6.29	2.91	2.09	1.27	1.03	1.65	39.50
1905	1.64	1.20	2.20	3.66	4.63	2.08	6.16	4.08	3.18	2.77	2.72	1.35	35.67
1906	2.75	2.40	5.42	1.61	1.31	2.24	4.99	4.97	3.50	5.04	3.16	4.71	42.10
1907	5.45	0.77	6.30	3.01	3.54	4.95	2.65	1.35	3.43	4.38	1.80	3.59	41.22
1908	2.27	4.00	5.35	3.47	3.02	2.68	3.38	2.18	0.98	1.21	1.12	3.34	33.00
Mns	2.86	2.43	3.36	2.74	3.93	3.49	4.45	3.61	2.92	2.45	2.62	2.77	37.63

Orangeville, Trumbull County
Elevation, 945 feet

1889	3.20	1.30	2.60	2.60	2.70	3.35	1.80	1.80	3.80	2.30	1.95	2.85	30.25
1890	4.30	4.20	2.60	3.15	7.70	2.85	1.80	3.90	5.05	5.50	2.55	2.75	46.35
1891	2.05	5.15	3.35	1.50	1.95	3.00	2.55	1.15	2.05	1.20	3.45	2.50	29.90
1892	2.55	2.80	3.10	1.55	6.95	5.90	2.35	2.70	2.90	0.95	2.30	1.05	35.10
1893	2.90	5.55	3.10	4.45	7.00	2.20	2.20	2.80	.....	.....	1.50	3.15	.....
1894	2.20	1.60	2.05	3.05	2.05	0.45	2.40	0.77	5.70	1.35	1.55	1.80	24.97
1895	3.75	0.40	0.60	0.95	1.80	3.55	1.90	3.35	3.00	1.03	3.25	4.15	27.73
1896	1.35	3.00	2.35	2.35	2.10	5.52	3.60	1.75	3.60	0.63	1.75	1.95	29.95
1897	1.84	2.10	3.80	2.08	4.00	3.17	8.07	3.88	1.17	0.18	5.61	2.46	38.36
1898	4.06	2.25	4.49	1.68	3.09	2.55	2.53	5.01	3.10	3.85	3.15	2.20	37.96
1899	2.05	1.35	3.30	0.92	4.16	3.25	1.55	2.60	2.47	1.55	0.75	2.90	26.85
1900	2.22	2.30	2.29	0.45	2.95	1.50	3.93	1.15	1.10	1.40	3.27	1.20	23.76
1901	1.21	1.20	3.10	3.50	4.07	2.32	2.75	2.03	4.85	0.30	2.88	3.50	31.71
1902	1.55	0.90	2.02	3.05	3.42	4.48	6.28	0.46	2.17	0.97	1.40	3.55	30.25
1903	1.93	3.22	4.67	4.28	1.31	5.72	6.87	6.34	1.89	2.82	2.88	2.92	44.85
1904	4.34	4.33	2.96	3.75	4.15	2.83	5.36	4.07	1.95	1.23	1.10	1.45	37.52
1905	1.62	0.50	2.43	2.16	3.52	5.11	6.99	4.70	3.49	3.68	2.03	1.70	37.93
1906	1.55	0.85	3.20	2.05	2.10	2.01	2.56	3.25	2.54	3.27	1.59	2.15	27.12
1907	2.46	0.75	2.88	.....	.....	.....	.....	.....	.....	.....	2.00	2.36	.....
1908	2.58	4.65	2.77	4.34	3.33	2.32	8.01	2.11	2.14	1.23	1.58	3.65	38.71
Mns	2.49	2.42	2.88	2.52	3.60	3.27	3.87	2.83	2.94	1.86	2.33	2.51	33.52

Norwalk, Huron County
Elevation, 719 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1854	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.94	1.40	1.56	.....
1855	2.64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1861	.....	.....	.....	.....	.....	1.48	3.97	3.74	1.36	3.56	2.63	0.68	.....
1862	3.53	3.00	3.69	3.43	4.09	4.79	3.37	2.43	.....	3.24	2.86	3.52	.....
1863	6.07	2.54	1.46	.....	2.20	0.94	2.10	2.80	1.21	2.21	3.32	2.35	.....
1864	2.53	0.35	1.62	1.96	2.63	3.04	3.53	4.98	5.11	2.84	2.98	1.13	32.70
1865	1.17	1.40	2.15	2.61	2.78	4.08	4.77	2.55	5.30	2.03	0.50	2.81	32.15
1866	1.73	2.17	3.36	2.38	3.22	6.22	7.06	.....	.....	2.27	3.10	2.25	.....
1867	1.64	1.70	1.62	2.63	2.39	1.45	2.89	0.41	0.18	1.63	1.20	3.09	20.83
1868	0.94	0.84	3.57	1.69	3.62	3.82	.....	4.24	2.17	0.31	1.94	0.90	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1878	.....	.....	.....	.....	.....	.....	.....	2.29	6.00	2.72	2.10	4.15	.....
1879	1.21	.....	.....	1.13	1.97	6.26	4.07	3.04	2.77	0.44	4.51	3.70	.....
1880	3.22	2.75	2.05	4.18	4.12	2.78	2.90	4.39	3.44	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1894	**2.10**	**2.50**	1.72	2.23	4.37	2.96	**2.25**	0.80	3.04	3.40	2.90	2.35	30.62
1895	2.85	0.80	1.60	2.35	1.40	2.36	2.88	4.13	0.37	2.05	5.55	4.05	30.39
1896	0.97	2.70	3.95	3.35	1.35	2.10	7.26	2.00	4.65	0.97	1.00	1.50	31.80
1897	1.80	0.60	3.44	2.37	3.19	2.71	5.28	1.14	0.66	0.52	6.55	1.18	29.44
1898	4.14	2.85	3.51	2.14	2.83	2.65	4.77	4.19	3.13	5.02	2.95	1.69	39.87
1899	3.63	1.94	5.42	0.77	6.32	2.66	3.97	1.39	1.33	2.30	1.66	3.15	34.54
1900	2.18	4.74	1.77	2.57	3.08	3.69	7.27	6.94	1.32	1.39	4.31	1.21	40.47
1901	2.12	1.86	2.56	1.88	5.46	3.32	2.48	3.58	2.35	0.58	1.49	3.46	31.09
1902	0.84	0.60	3.35	1.66	3.46	9.97	6.25	0.48	6.97	2.19	2.29	3.64	41.70
1903	3.02	5.32	2.62	4.18	1.98	3.34	5.94	3.52	1.82	2.81	1.64	2.63	38.82
1904	4.93	2.90	5.73	3.68	3.87	2.35	7.12	3.76	3.03	2.54	0.17	3.94	44.02
1905	2.08	1.86	1.92	3.37	6.03	4.71	6.14	3.73	2.65	3.01	3.20	1.75	40.45
1906	1.22	1.17	3.56	2.18	1.93	2.19	4.75	8.12	1.71	3.91	3.30	4.20	38.24
1907	4.87	0.46	4.40	1.31	2.90	4.40	2.47	1.05	4.93	2.84	1.55	3.67	34.85
1908	1.65	3.82	3.96	2.52	3.97	2.16	3.88	2.18	0.35	1.11	0.52	2.25	28.37
Mns	2.52	2.12	3.00	2.46	3.30	3.46	4.47	3.11	2.74	2.26	2.52	2.57	34.53

Ottawa, Putnam County
Elevation, 720 feet

1888	.....	.....	.....	.....	.....	.....	.....	1.06	1.23	2.22	4.80	1.41	.....
1889	1.94	0.84	2.53	2.04	4.59	3.40	1.74	1.06	1.66	0.67	2.53	2.64	25.64
1890	4.24	3.70	4.45	5.07	5.67	3.16	1.67	2.74	2.80	3.47	4.11	1.65	42.73
1891	1.90	.....	4.12	.....	2.45	.....	.....	.....	.....	.....	.....	.....	.....
1892	.....	2.54	3.65	4.22	10.16	5.03	3.88	2.56	2.46	0.72	2.82	1.28	.....
1893	1.91	3.49	2.02	6.09	3.44	3.61	3.47	2.12	1.16	3.70	3.01	.....	.....
1894	.....	2.97	2.30	1.36	4.18	3.54	0.93	1.49	3.75	2.87	2.51	2.15	.....
1895	3.07	0.42	0.81	1.81	1.51	1.47	1.28	2.88	1.42	0.69	5.54	4.05	24.95
1896	1.57	1.84	3.41	2.67	1.88	5.09	7.83	3.55	4.47	0.49	1.76	2.72	37.28
1897	3.38	1.43	3.90	3.70	4.00	3.63	2.25	3.28	0.63	0.44	5.61	1.53	33.78
1898	4.23	2.34	3.96	2.26	5.26	2.44	3.85	3.75	3.33	3.71	2.66	2.48	40.27
1899	2.84	1.58	4.52	1.45	2.94	1.65	3.25	2.85	1.86	2.36	1.88	3.26	30.44
1900	1.42	4.55	1.67	2.21	2.00	2.89	3.88	3.16	1.11	2.03	3.37	1.05	29.34
1901	1.64	1.26	2.60	2.34	4.32	2.46	3.32	2.61	1.61	0.59	1.64	3.25	27.64
1902	0.43	0.37	3.58	1.86	3.01	5.79	3.99	1.83	5.31	2.24	2.55	2.80	33.76
1903	2.23	4.35	2.00	5.65	4.69	3.63	3.87	3.88	2.76	2.91	2.16	1.82	39.95
1904	4.49	2.73	6.37	3.91	3.67	2.43	5.70	2.16	2.08	1.82	0.14	2.65	38.15
1905	1.76	1.81	1.38	3.60	6.06	3.77	4.14	3.65	3.57	2.52	2.33	1.91	36.50
1906	1.04	0.80	2.57	2.29	1.52	3.01	3.36	4.11	3.84	**3.50**	3.65	4.15	33.84
1907	5.49	0.35	5.03	1.48	3.14	4.89	4.65	1.96	3.46	2.03	2.53	4.29	39.30
1908	1.56	3.85	3.66	2.99	3.41	2.81	6.24	1.92	0.32	1.12	0.94	0.93	29.75
Mns	2.51	2.17	3.23	3.00	3.90	3.41	3.65	2.63	2.44	2.00	2.83	2.42	34.19

Note—Values from June, 1890, to September, 1894, are for Leipsic, about seven miles northeast of Ottawa.

Perry, Lake County
Elevation, 712 feet

1855	.....	2.89	.....	3.34	6.88	6.75	.....	.....	3.59	7.78	6.75	4.77	.....
1856	3.12	.....	1.02	3.03	3.88	4.50	2.37	2.25	1.25	4.03	4.75	.....	.....
1857	1.92	4.44	0.80	4.78	5.00	7.25	6.07	3.26	.....	.....	8.40	2.78	.....
1858	1.71	1.33	2.53	7.00	10.66	6.54	7.13	4.31	4.10	6.21	8.28	.....	.....
1859	2.31	3.46	6.50	5.98	3.90	4.25	2.75	4.88	4.63	4.00	5.25	3.25	51.16
1860	2.00	1.50	2.65	6.25	3.00	1.50	4.62	7.00	5.50	5.75	6.00	2.20	47.97
1861	2.72	1.45	3.60	4.00	3.00	2.25	2.50	7.25	6.75	4.12	6.24	2.65	46.53
1862	3.80	4.22	3.50	2.62	1.12	5.00	2.50	1.12	2.87	2.55	3.94	3.69	36.93
1863	.....	2.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1890	.....	.....	.....	.....	.....	.....	.....	.....	4.20	7.74	3.66	1.86	.....
1891	1.90	3.52	2.35	1.57	2.03	4.21	1.47	2.28	3.53	1.48	5.02	1.84	31.20
1892	0.59	1.73	2.98	1.26	10.26	7.64	2.07	3.48	4.54	2.04	3.03	3.05	42.67
1893	2.95	7.26	2.93	4.99	12.47	1.34	1.47	4.11	0.85	4.94	3.82	5.35	52.48
1894	3.20	3.50	3.17	3.71	4.53	3.62	2.15	0.55	4.39	4.54	2.81	1.77	37.94
1895	3.05	1.80	0.17	2.12	1.85	1.75	2.16	2.80	4.32	2.66	.....	.....	.....
1896	.....	3.06	4.66	3.67	1.91	5.31	6.15	2.27	4.64	1.88	2.93	2.02	.....
1897	2.67	3.02	2.51	2.76	3.62	0.99	3.15	6.76	0.50	0.79	5.99	1.92	34.68
1898	2.76	2.62	5.15	2.21	2.39	2.20	2.83	6.61	3.77	3.39	4.30	2.40	40.63
1899	2.82	2.51	3.64	1.20	6.25	3.39	3.87	0.75	**5.00**	2.08	1.40	5.14	38.05
1900	4.18	3.32	1.69	1.75	1.20	2.16	5.93	**2.00**	1.62	2.11	4.87	1.78	32.61
1901	.....	.....	3.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mns	2.61	3.00	2.97	3.46	4.66	3.92	3.48	3.63	3.67	3.78	4.86	2.90	42.94

Note—Values for April, 1855, to August, 1856, are for Unionville, about seven miles east of Perry; from September, 1856, to February, 1863, for Madison Lake, about five miles east of Perry; and from 1890 to 1895 for Wheeler, about five miles southeast of Perry.

Oberlin, Lorain County
Elevation, 855 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1854	0.96	3.15	2.96	4.27	3.48	1.95	2.44	1.07	0.65	3.43	1.63	2.03	28.02
1855	2.45	1.36	1.44	4.93	2.05	10.65	3.59	6.72	4.52	3.55	4.31	2.49	48.06
1856	0.92	0.96	0.35	0.97	4.14	3.07	1.15	2.21	3.70	1.44	2.14	.....	.....
1857	.....	.....	0.80	1.90	3.72	7.23	5.04	.....	.....	.....	0.36	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1870	.....	.....	3.42	2.10	1.40	1.25	8.90	1.55	2.55	3.35	2.60	2.35	.....
1871	1.35	1.20	2.45	1.20	1.10	4.35	1.50	.....	0.30	0.48	2.05	1.63	.....
1872	0.80	1.25	1.65	1.60	.....	.....	.....	.....	2.90	3.70	0.83	2.55	.....
1873	2.80	1.37	2.60	5.05	1.15	5.15	4.95	.....	.....	.....	.....	.....	.....
1874	.....	2.15	1.33	2.35	2.30	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1879	.....	.....	.....	.....	.....	.....	3.08	1.96	2.74	0.71	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1882	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.83	1.50	.....
1883	1.58	6.47	1.03	1.86	6.55	3.40	5.92	1.15	4.97	3.33	2.96	2.12	41.34
1884	1.61	4.58	2.95	1.14	4.28	4.34	3.35	1.60	1.41	1.24	0.93	2.36	29.79
1885	1.42	0.61	1.52	5.26	4.77	4.33	3.56	4.03	2.52	1.79	2.88	1.30	33.99
1886	4.00	1.31	0.81	.....	1.99	1.96	3.28	2.71	1.77	1.00	.....	4.34	.....
1887	2.00	3.05	1.55	1.13	3.74	5.59	0.61	2.24	2.20	0.63	1.79	1.11	25.64
1888	2.05	1.15	2.59	1.44	3.60	3.64	3.64	2.10	2.48	2.63	2.55	1.21	29.08
1889	2.00	1.53	3.19	0.49	4.46	1.37	2.18	1.73	4.46	1.16	2.42	3.55	28.54
1890	3.51	4.46	4.14	3.73	5.90	3.26	4.32	2.88	3.78	5.34	2.86	1.73	45.91
1891	1.88	4.35	2.70	1.46	2.55	5.98	2.87	1.25	2.98	1.53	5.34	2.06	34.95
1892	2.76	2.87	2.92	3.83	6.46	5.38	5.12	3.63	3.07	1.03	2.35	1.91	41.33
1893	4.30	5.28	1.87	5.10	7.21	1.64	2.36	1.75	1.42	4.25	2.30	1.03	38.51
1894	2.08	1.72	1.41	2.55	4.12	2.99	0.84	0.34	1.58	3.30	2.64	1.44	25.01
1895	2.82	0.51	0.26	2.10	2.02	2.44	0.75	3.64	1.87	1.95	6.35	2.15	26.86
1896	0.60	2.28	1.38	2.72	1.70	1.80	7.35	2.09	**4.45**	0.67	1.34	1.03	27.41
1897	1.94	0.65	3.67	2.00	**5.00**	**1.61**	2.12	1.98	0.73	0.60	7.89	1.99	30.18
1898	3.60	2.25	3.56	2.41	3.40	4.03	4.71	4.22	3.27	5.48	2.93	2.89	42.75
1899	2.80	1.79	4.67	1.35	4.44	1.46	5.32	1.18	2.57	2.51	1.67	2.64	32.40
1900	2.20	3.04	1.77	1.44	2.27	3.92	5.97	2.98	3.00	1.00	3.04	0.75	31.38
1901	1.20	1.57	2.80	2.81	3.98	3.15	2.45	2.51	1.57	0.45	2.36	3.24	28.09
1902	1.36	1.51	2.68	2.58	3.39	9.15	6.65	1.16	3.97	2.40	2.33	3.17	40.35
1903	1.89	4.38	2.33	5.63	1.99	3.43	5.97	5.07	1.27	3.06	2.48	1.67	39.17
1904	4.65	2.99	4.22	2.68	4.20	2.07	6.76	5.57	2.18	1.59	0.46	2.75	40.12
1905	1.64	1.30	1.92	3.70	4.35	3.06	3.05	3.82	1.61	1.77	2.09	1.63	29.94
1906	1.10	1.76	3.10	1.16	2.63	1.27	3.69	5.16	2.59	4.25	2.72	3.65	33.08
1907	4.81	0.59	3.65	2.52	3.63	4.11	2.32	0.94	3.94	3.78	0.72	3.41	34.42
1908	1.99	4.08	3.66	3.36	3.05	2.19	2.42	1.44	0.43	1.03	0.65	2.03	26.33
Mns	2.22	2.35	2.38	2.61	3.56	3.37	3.77	2.60	2.53	2.26	2.51	2.18	32.34

Rittman, Wayne County
Elevation, 990 feet

1861	3.20	2.13	2.67	2.06	3.15	0.78	1.72	4.57	3.40	.....	.....	.....	.....
1862	.....	.....	.....	.....	.....	.....	.....	3.16	.....	3.46	2.05	2.04	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1892	.....	.....	.....	.....	.....	.....	.....	3.27	2.14	1.01	1.54	0.96	.....
1893	2.21	5.32	2.56	5.42	**6.26**	0.61	2.03	1.52	1.11	5.98	2.20	2.38	37.60
1894	2.20	3.32	2.32	2.44	5.20	3.23	2.49	0.41	3.04	2.37	3.15	2.43	32.60
1895	3.65	0.57	2.37	1.80	0.97	2.68	2.84	4.06	3.11	1.31	3.93	3.88	31.17
1896	1.84	1.93	2.66	3.76	2.92	2.37	8.70	2.85	5.84	0.70	2.20	3.85	39.62
1897	1.64	1.71	2.85	1.44	5.19	2.42	4.79	5.07	0.52	1.38	6.85	1.96	35.82
1898	4.16	2.49	5.78	3.06	4.23	3.83	2.64	3.26	2.88	4.64	4.49	1.78	43.24
1899	3.38	1.10	3.37	1.80	5.01	1.04	5.57	2.42	4.66	2.36	2.14	2.66	35.51
1900	2.16	3.59	2.40	1.81	1.15	2.41	6.62	4.27	3.17	2.40	6.74	1.80	38.52
1901	2.28	1.38	5.20	3.57	5.79	4.76	2.79	3.81	4.78	0.92	3.03	3.62	41.93
1902	0.85	0.58	3.20	2.99	3.70	7.25	7.50	0.99	7.74	1.06	3.19	3.63	42.68
1903	2.49	6.90	3.35	5.10	1.80	4.84	4.39	4.34	1.83	2.60	2.14	1.30	41.08
1904	5.42	4.20	2.58	4.55	3.69	0.67	4.87	3.38	2.48	1.01	**0.89**	1.60	35.34
1905	1.51	0.54	1.79	1.68	5.25	5.87	4.98	2.60	4.61	2.07	1.85	1.67	34.42
1906	1.20	1.61	3.27	1.80	1.61	3.40	6.89	4.98	2.61	3.82	2.19	3.71	37.09
1907	6.42	0.51	4.23	1.43	2.15	6.39	3.00	0.80	2.93	3.28	1.70	3.14	35.98
1908	1.79	3.89	5.87	3.54	4.78	3.67	4.18	2.61	0.44	1.15	0.72	3.88	36.52
Mns	2.73	2.46	3.32	2.84	3.70	3.31	4.47	3.07	3.18	2.31	2.83	2.57	36.79

Note—Values for 1861 and 1862 are for Seville, about four miles northwest of Rittman.

Rocky Ridge, Ottawa County
Elevation, 590 feet

1894	.....	.....	.....	.....	.....	.....	0.11	0.59	4.70	2.22	2.12	2.32	.....
1895	2.11	0.35	0.63	1.99	1.27	2.09	2.60	2.20	1.51	1.58	5.64	4.46	25.83
1896	**1.50**	2.30	2.57	3.40	1.82	1.44	6.90	1.60	4.89	0.95	2.02	1.55	30.94
1897	0.95	1.02	3.38	2.72	3.16	3.03	3.08	2.73	0.70	1.93	6.78	1.94	31.42
1898	4.14	2.45	4.79	2.14	3.66	4.00	2.85	6.17	3.85	3.37	3.25	2.73	43.40
1899	2.53	1.80	4.50	0.46	5.19	2.05	2.85	0.82	2.20	2.03	2.37	2.90	29.70
1900	1.61	5.20	3.73	2.21	2.52	4.26	4.23	2.42	0.83	1.77	3.52	0.81	33.11
1901	1.53	1.82	2.89	2.29	4.91	3.65	2.26	4.16	1.18	0.97	2.03	4.29	31.98
1902	0.47	0.23	2.70	1.03	8.92	7.47	5.19	0.54	8.77	2.62	2.35	4.05	44.34
1903	1.39	4.43	2.07	4.37	1.81	4.11	4.19	8.42	3.14	3.02	1.60	2.11	40.66
1904	4.48	3.52	4.14	1.70	3.67	1.15	3.09	2.32	2.83	1.18	0.15	2.15	30.38
1905	1.82	0.95	1.12	3.46	5.16	6.00	2.03	1.68	2.05	1.16	2.82	1.67	29.92
1906	1.01	0.49	2.34	1.93	2.18	2.81	2.08	4.08	2.50	4.09	2.69	3.71	29.91
1907	4.47	0.07	4.49	1.37	3.06	5.87	4.81	2.62	4.62	3.04	1.91	4.30	40.63
1908	2.34	3.14	3.79	2.66	4.27	**2.00**	3.37	3.52	0.46	1.15	0.56	1.91	29.17
1909	2.44	5.79	2.16	2.45	7.15	5.10	5.38	1.95	1.08	2.35	3.91	**2.50**	42.26
Mns	2.19	2.24	3.02	2.28	3.92	3.67	3.40	2.86	2.83	2.09	2.73	2.72	33.95

Ruggles, Ashland County

Year	January	February	March	April	May	June	July	August	September	Oetober	November	Decemher	Annual
1854	.....	.....	3.38	5.56	5.64	4.46	2.75	1.76	2.37	.....	.....	.....	.....
1855	.....	.....	.....	3.00	4.48	16.60	8.62	3.47	6.79	3.43	6.08	3.94	.....
1856	2.05	2.82	0.88	1.73	7.19	1.83	2.43	1.50	2.21	1.15	1.52	3.54	28.85
1857	1.73	3.40	1.23	2.76	4.34	3.69	5.63	3.63	1.80	5.45	6.60	3.75	44.01
1858	2.43	3.30	1.42	5.99	7.15	5.73	6.92	3.71	1.85	2.55	4.68	5.98	51.71
1859	3.29	4.33	5.26	6.78	2.21	5.98	1.29	4.35	5.52	2.53	5.46	3.57	50.57
1860	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1861	1.42	1.63	2.81	4.51	3.19	3.47	3.82	4.14	2.75	2.62	2.60	1.43	34.39
1862	4.30	3.72	4.88	2.21	5.14	8.44	1.99	1.02	1.12	1.95	4.13	6.07	44.97
1863	.....	4.02	.....	.....	3.01	2.58	2.27	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1871	1.10	0.85	1.60	1.85	1.10	3.55	2.45	5.35	0.01	0.30	3.00	0.70	21.86
1872	0.94	1.70	.....	0 95	3.70	2.00	5.80	4.20	3.10	2.00	1.00	3.70	.....
1873	2.90	2.05	4.55	4.00	2.80	2.75	4.00	3.70	2.85	3.00	2.00	4.50	39.10
1874	4.85	4.30	2.50	2.80	3.75	2.25	2.85	2.70	1.85	0.90	3.00	1.80	33.55
1875	1.40	1.40	2.80	1.30	2.55	5.25	4.70	4.35	2.95	1.45	2.75	3.05	33.95
1876	3.15	3.90	3.80	0.18	4.45	4 85	4.40	1.80	5.40	3.10	1.60	2.10	38.73
1877	1.70	0.25	5.70	1.50	0.25	5.75	6.20	2.90	0.70	1.60	2.00	1.40	29.95
1878	4.25	1.85	3.90	1.55	2.05	2.10	7.35	0.90	5.00	3.20	1.45	3.40	37.00
1879	1.60	2.40	3.20	1.00	0.75	3.45	3.20	5.60	2.85	0.30	3.50	3.50	31.35
1880	3.15	2.45	1.80	2.75	2.05	4.55	6.20	3.40	0.95	2.40	2.55	1.05	33.30
1881	1.40	3.80	3.60	1.80	0.85	5.70	3.95	0.10	3.50	2.50	2.60	2.90	32.70
1882	2.15	2.55	2.20	1.05	4.55	2.25	2.95	3.95	3.35	2.00	2.70	1.15	30.85
1883	1.35	5.20	1.20	2.20	5.70	2.60	3.65	1.40	7.70	2.05	1.80	3.00	36.85
1884	2.20	3.75	1.95	0.85	2.60	1.45	2.30	1.00	3.80	1.45	0.85	2.15	24.35
1885	2.60	0.80	1.50	3.15	4.95	5.10	3.05	6.35	2.10	.....	2.20	1.35	.....
1886	2.90	1.00	2.00	2.20	3.15	1.45	4.00	2.70	4.40	0.80	4.60	3.00	32.20
1887	1.90	5.30	3.25	3.75	2.55	3.30	0.70	2.20	2.35	0.55	2.50	3.10	31.45
1888	3.20	1.01	3.80	2.25	3.65	4.00	3.15	3.25	2.65	1.80	4.30	1.55	34.61
Mns	2.42	2.71	2.88	2.60	3.47	4.26	3.95	3.06	3.07	2.04	3.02	28.3	36.31

Note—Values for 1854 to 1873 are for Savannah, about four miles southeast of Ruggles.

Shenandoah, Richland County

Elevation, 1,100 feet

1892	.....	.....	.....	.....	.....	.....	.....	4.43	1.81	1.06	1.96	1.47	.....
1893	.....	4.75	2.27	6.95	5.88	1.93	2.62	1.10	1.93	3.34	1.87	2.02	.....
1894	2.19	2.23	2.07	1.51	5.10	2.17	1.00	1.41	2.87	1.95	2.29	2.51	27.30
1895	2.69	0.52	1.59	2.30	1.83	4.29	2.42	2.92	1.91	1.46	4.68	3.32	29.93
1896	2.40	2.76	2.59	3.76	3.58	2.97	9.69	3.25	5.03	0.79	1.75	3.15	41.72
1897	1.70	1.59	3.70	1.87	4.88	2.22	2.90	4.45	0.20	0.98	5.84	1.55	31.88
1898	3.66	2.56	4.21	2.20	3.73	3.84	2.42	5.50	3.62	4.09	3.38	2.59	41.80
1899	3.15	1.56	4.02	1.27	4.13	4.01	3.63	0.53	4.09	2.11	1.74	2.70	32.94
1900	2.08	3.22	1.88	2.54	1.75	3.25	8.14	6.67	2.21	0.83	2.97	1.18	36.72
1901	1.39	1.11	4.23	1.86	5.66	5.31	2.98	4.51	4.25	0.38	1.55	3.71	36.94
1902	0.89	0.61	2.25	2.22	1.41	7.24	7.89	0.81	4.87	1.37	2.58	3.23	35.37
1903	1.81	3.36	2.56	5.45	2.67	3.80	4.59	2.84	1.48	2.77	1.77	1.63	34.37
1904	5.05	3.49	6.83	4.66	3.14	2.87	5.84	2.81	2.64	1.15	0.43	2.28	41.19
1905	1.42	1.17	2.22	2.75	6.22	6.56	6.83	3.12	3.45	2.53	2.17	1.51	39.95
1906	1.12	0.70	2.65	3.21	2.12	4.25	9.60	4.06	3.23	3.44	2.53	3.37	40.28
1907	6.03	0.53	4.23	3.02	4.51	4.77	3.09	2.00	4.47	3.10	1.47	3.17	40.39
1908	1.70	3.50	4.77	3.59	7.40	2.57	3.50	2.98	0.32	0.98	0.76	2.23	34.30
Mns	2.49	2.10	3.25	3.07	4.00	3.88	4.82	3.12	2.85	1.90	2.34	2.45	36.27

Tiffin, Seneca County

Elevation, 775 feet

1873	.....	.....	.....	4.05	1.75	4.95	8.81	1.90	2.04	3.40	.....	.....	.....
1874	.....	.....	2.05	2.60	1.70	2.90	2.40	1.70	3.05	0.73	1.58	1.25	.....
1875	1.59	1.22	2.73	2.42	2.41	8.70	3.05	5.65	3.40	2.25	3.08	3.15	39.65
1876	3.05	5.03	4.68	1.77	4.55	5.35	5.35	3.75	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885	3.21	1.03	0.89	3.07	4.25	4.56	3.21	9.39	1.78	2.31	2.89	1.89	38.48
1886	2.43	1.40	2.16	2.32	2.96	1 61	1.70	1.83	4.01	1.23	3.47	3.08	28.20
1887	1.75	6.60	2.26	2.51	2.52	3.67	1.46	1.66	1.81	0.94	3.22	2.83	31.23
1888	2.77	1.95	4.26	2.26	3.98	3.51	1.79	1.06	1.47	2.09	3.30	1.37	29.81
1889	2.85	1.22	2.96	1.47	4.36	2.47	2.23	0.71	2.00	1.02	2.48	3.60	27.37
1890	3.73	4.25	4.30	4 81	6.58	6.96	0.90	2.32	2.54	5.80	2.35	1.03	45.57
1891	1.93	4.19	3.18	2.20	1.57	5.86	3.54	1.60	1.71	2.10	6.15	2.15	36.18
1892	1.39	2.66	5.28	3.63	8.27	5.10	3.39	2.88	2.56	1.20	2.77	1.43	40.56
1893	2.28	3.69	1.48	5.25	2.90	**1 72**	**3.97**	1.35	1.18	5.72	2.15	2.51	34.20
1894	2.12	3.43	1.77	1.47	4.37	4.63	5.16	0.75	2.55	4.28	2.37	2.06	34.96
1895	2.74	0.71	1.40	2.46	1.33	1.96	2.86	1.77	1.34	1.28	5.72	4.50	28.07
1896	1 50	2.69	4.51	3.13	2.76	4.67	4.89	3.49	4.73	0.89	1 58	2.82	37.66
1897	2.65	2.38	4.65	2.96	4.86	3.04	1.97	1.61	0.48	0.83	5.91	2.26	33.60
1898	4 75	2.46	4.92	1.84	4.36	1.76	2.06	7.42	4.89	4.30	2.97	3.30	45.03
1899	3.72	2.20	5.06	2.64	5.42	2.10	4.56	0.90	1.53	2.15	1.84	3.27	35.39
1900	2.19	4.91	2.14	2.55	1.21	3.80	7.55	4.39	0.91	1.91	2.90	0.92	35.38
1901	1.86	1.64	2.47	2.05	5.74	2.61	4.69	2.52	2.36	0.84	1.36	4.06	32.20
1902	0.93	1.00	3.39	2.66	5.06	10.31	4.90	1.17	7.32	1.84	2.31	2.87	43.76
1903	2.44	4.93	2.58	6.19	2.15	4.29	5.45	4.66	1.94	2.83	1.82	2.27	41.55
1904	6.76	2.99	5.98	3.15	4.36	1.85	7.73	2.42	2.29	1.40	0.25	3.72	42.90
1905	1.83	1.93	1.46	3.55	5.75	3.68	3.68	1.61	3.43	2.02	2.95	1.85	33.74
1906	0.87	1.19	3.41	2.05	0.88	1.86	5.65	2.81	2.15	3.87	2.56	3.74	31.04
1907	5.50	0.35	4.32	1.48	2.53	4.35	3.39	1.10	5.32	2.50	2.34	3.60	36.78
1908	1.63	5.47	3.90	3.52	6.25	2.52	4.23	1.40	0.43	0.88	0.82	2.06	33.11
Mns	2.63	2.75	3.27	2.86	3.74	3.96	3.95	2.64	2.57	2.25	2.73	2.60	35.95

Sandusky, Erie County

Elevation, 629 feet

Year	January	February	March	April	May	June	July	August	September	October	November	Decemher	Annual
1859	1.57	1.44	3.32	4.55	1.55	3.71	0.15	4.06	5.64	1.62	2.63	3.38	33.62
1860	1.13	1.77	0.43	5.36	2.22	1.52	4.32	4.15	2.97	3.45	1.92	1.68	30.92
1861	1.06	1.09	3.74	2.37	2.54	1.09	2.77	4.36	3.74	2.40	2.98	1.04	29.18
1862	2.59	1.66	4 26	3.46	4.54	4.00	3.29	2.33	1.08	5.26	3.00	4.11	39.58
1863	3.32	1.40	1.52	1.78	2.08	1.55	1.71	2.42	1.21	2.89	3.88	2.60	26.36
1864	0.07	1.17	1.68	4.46	3.13	2.55	3.25	5.17	4.38	2.96	4.05	1.36	34.23
1865	0.51	1.20	1.79	2.28	3.29	4.02	7.54	1.88	10.59	3.05	0.35	3.50	40.00
1866	1.66	1.75	3.44	0.70	4.26	8.76	4.05	2.65	7.64	2.33	3.59	2.00	42.83
1867	1.69	2.29	2.01	3.84	4.11	1.61	4.49	1.23	0.79	1.95	1.58	3.30	28.89
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1874	4.88	6.09	1.40	2.28	3.59	4.06	3.60	3.27	3.43	2.27	2.60	0.35	37.82
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1877	.....	.....	.....	.....	.....	.....	.....	6.28	0.73	4.39	3.41	1.53	.....
1878	3.39	3.06	5.33	2.32	2.96	2.61	4.85	1.59	6.76	3.72	2.88	3.44	42.91
1879	1.19	2.46	1.95	1.74	1.16	5.97	4.01	3.26	5.77	0.69	5.22	4.29	37.71
1880	3.77	2.11	2.66	4.67	4.49	2.91	6.06	5.03	2.02	2.27	2.39	1.06	39.44
1881	1.31	3.25	2.75	2.47	0.98	10.09	3.88	0.96	3.78	5.58	4.99	6.27	46.31
1882	2.46	3.79	4.02	2.75	7.11	3.71	1.51	8.02	1.67	2.96	2.92	1.61	42.53
1883	1.01	4.12	0.69	.....	.....	.....	.....	4.74	4.07	4.88	3.92	2.61	.....
1884	1.25	5.48	3.26	1.50	3.70	2.42	5.75	2.48	3.17	1.18	1.01	2.44	33.64
1885	3.29	0.83	0.75	2.19	4.35	6.61	3.08	3.87	1.82	2.92	2.75	1.77	34.23
1886	2.28	1.12	2.38	2.35	3.69	2.16	2.26	3.78	3.83	1.24	2.94	2.97	31.00
1887	1.51	8.53	2.16	2.10	1.61	4.44	0.59	1.57	2.31	0.88	2.25	1.90	29.85
1888	2.14	1.26	2.85	1.61	2.30	3.96	3.58	1.98	1.41	1.89	2.35	1.12	26.45
1889	2.43	1.27	2.23	1.45	4.52	2.29	0.98	1.25	1.84	1.27	1.71	3.65	24.89
1890	3.49	3.10	2.78	3.68	5.28	2.78	1.99	3.17	4.15	4.66	2.56	0.96	38.60
1891	2.00	4.05	2.27	2.14	1.48	4.38	2.05	1.53	1.10	2.64	5.45	1.60	30.69
1892	1.99	2.58	4.97	2.56	6.91	6.41	4.81	5.53	2.69	0.93	2.85	1.05	43.28
1893	1.94	3.12	1.66	4.95	2.96	0.91	3.45	1.13	0.93	3.27	2.16	2.52	29.00
1894	1.95	2.33	1.64	1.67	3.64	3.22	2.84	0.23	3.49	3.48	1.40	2.20	28.09
1895	2.39	0.36	1.23	2.25	2.00	1.61	1.48	3.32	2.23	1.67	4.73	3.55	26.82
1896	1.39	1.72	2.38	4.12	1.67	2.94	5.55	2.71	4.52	1.14	1.53	2.09	31.76
1897	1.14	1.03	2.41	2.11	3.84	2.04	4.29	2.50	0.91	0.43	6.21	1.54	28.45
1898	2.93	2.29	5.53	1.95	2.73	5.11	5.69	5.25	2.09	4.88	2.37	2.35	43.17
1899	3.13	1.62	4.38	1.02	4.32	3.46	3.44	2.74	1.07	1.90	1.76	1.94	30.78
1900	1.35	3.23	1.10	1.80	2.23	3.60	7.58	4.91	1.50	1.20	2.61	0.69	31.80
1901	1.12	0.91	2.07	1.84	3.19	3.81	1.48	3.93	1.01	1.10	1.79	3.25	25.50
1902	0.60	0.30	2.67	1.42	4.01	8.85	5.33	1.23	6.20	1.80	2.02	2.40	36.83
1903	1.62	3.67	1.77	3.96	1.43	3.79	4.45	6.32	1.27	2.04	1.47	1.78	33.57
1904	4.70	1.96	4.38	2.89	3.18	1.27	4.48	2.33	3.06	1.22	0.09	2.31	31.87
1905	1.69	1.34	1.05	3.59	4.76	3.95	3.11	2.04	1.92	1.49	2.38	1.58	28.90
1906	0.93	1.01	1.87	1.50	1.48	1.53	7.62	6.65	3.12	3.81	2.21	3.10	34.83
1907	4.87	0.33	4.39	1.19	2.16	4.64	4.43	1.59	6.63	3.43	1.38	3.40	38.44
1908	2.09	3.70	3.61	2.83	2.12	1.72	3.34	2.96	0.75	0.97	0.62	1.77	26.48
Mns	2.09	2.34	2.60	2.59	3.19	3.65	2.73	3.25	3.08	2.48	2.64	2.33	32,97

Note—The record beginning with August, 1877, is for the Weather Bureau station.

Van Wert, Van Wert County

Elevation, 784 feet

1891	.....	.....	.....	.....	.....	.....	3.50	3.35	1.61	1.27	6.18	2.09	.....
1892	1.74	2.37	3.41	4.58	9.58	7.87	3.48	2.70	3.68	0.54	2.93	1.67	44.55
1893	2.16	4.41	1.91	7.35	3.64	2.87	1.02	0.41	1.61	3.21	2.80	2.09	33.48
1894	1.54	3.41	2.30	2.03	4.32	2.72	0.86	1.60	3.55	2.06	2.01	2.19	28.59
1895	2.09	0.48	0.87	1.43	1.35	2.80	1.49	1.84	1.58	0.42	5.17	3.25	22.77
1896	1.48	1.05	3.26	3.20	2.93	2.98	10.18	4.13	4.71	0.53	1.86	1.94	38.25
1897	2.19	1.63	4.09	3.49	4.15	3.43	3.54	3.57	0.21	0.38	5.65	1.65	33.98
1898	4.15	2.04	3.96	2.60	6.09	2.09	.....	3.61	4.04	2.76	2.84	2.25	.....
1899	2.25	1.70	4.76	0.44	.....	1.80	6.00	.....	2.35	.....	.....	.....	.....
1900	.....	.....	.....	.....	.....	.....	.....	5.74	1.55	2.12	3.37	.....	.....
1901	1.68	1.46	2.04	2.11	6.63	2.32	1.63	1.50	1.74	2.24	1.28	4.64	29.27
1902	0.61	.....	.....	2.34	2.53	.....	4.55	.....	.....	.....	.....	3.38	.....
1903	.....	.....	.....	.....	.....	.....	.....	.....	2.35	.....	.....	.....	.....
Mns	1.99	2.06	2.95	2.96	4.58	3.21	3.62	2.84	2.42	1.55	3.41	2.52	34.11

Youngstown, Mahoning County

Elevation, 846 feet

1885	.....	.....	.....	.....	.....	.....	2.77	6.34	2.57	4.78	1.85	1.84	.....
1886	3.79	2.26	2.60	1.66	2.10	1.29	2.76	2.32	2.29	0.50	6.73	3.16	31.46
1887	1.12	6.66	2.74	1.80	2.11	2.86	1.54	2.23	2.01	0.68	1.31	1.14	26.20
1888	1.92	1.90	1.47	1.47	2.00	2.82	3.33	3.04	4.46	3.98	3.39	1.50	31.28
1889	3.39	0.42	1.90	2.84	3.64	4.99	1.83	1.35	4.25	1.97	2.71	3.43	32.72
1890	4.11	4.89	4.38	3.52	5.44	2.83	2.59	4.29	7.53	5.62	2.71	3.02	50.93
1891	2.41	4.00	3.84	1.25	3.06	3.70	3.49	1.72	1.22	0.99	3.16	1.51	30.35
1892	1.78	2.22	2.66	1.20	7.27	3.15	2.29	4.45	2.09	0.79	0.89	1.32	30.11
1893	2.27	5.58	2.39	4.75	6.35	1.62	2.41	2.75	1.69	3.95	1.28	1.80	36.84
1894	1.54	2.88	2.48	2.36	3.43	2.43	2.84	0.72	5.58	2.34	2.62	3.12	32.34
1895	3.02	1.22	1.70	1.08	1.22	3.80	1.65	3.15	2.12	1.36	3.39	3.46	27.17
1896	1.45	3.15	1.59	3.32	1.88	5.31	6.60	2.23	4.56	0.95	1.60	2.38	35.02
1897	0.76	1.57	2.87	2.68	2.75	2.65	7.48	5.57	1.04	0.25	4.84	2.54	35.00
1898	3.38	1.67	4.62	2.07	3.44	3.62	6.04	4.39	1.95	4.30	3.06	**2.68**	41.22
1899	.....	.....	.....	.....	.....	2.98	.....	.....	3.31	1.72	1.76	3.12	.....
1900	1.97	2.81	2.63	1.47	3.40	2.57	6.54	2.25	1.60	1.51	3.74	1.07	31.56
1901	1.67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1908	.....	.....	.....	.....	.....	1.34	.....	.....	0.69	1.67	1.25	2.38	.....
Mns	2.31	2.94	2.70	2.25	3.44	3.00	3.61	3.12	2.88	2.20	2.72	2.32	33.49

Toledo, Lucas County
Elevation, 769 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1861	2.13	1.28	5.81	5.75	3.69	3.37	5.12	3.36	3.56	2.31	3.12	1.37	40.87
1862	3.87	2.87	5.56	4.44	6.00	3.56	2.87	3.87	2.37	2.50	2.50	4.44	44.85
1863	3.87	3.56	2.44	1.87	2.44	2.50	3.44	2.31	1.62	3.12	3.75	3.00	33.92
1864	0.38	0.94	1.94	4.75	2.19	3.50	3.25	4.21	7.01	1.69	5.81	1.50	37.17
1865	0.75	1.69	1.75	3.12	2.25	3.69	6.06	3.75	10.19	2.37	0.37	3.56	39.55
1866	1.75	2.31	3.75	0.87	5.37	4.69	4.00	2.44	7.19	2.62	3.12	2.56	40.67
1867	1.50	3.13	2.31	3.62	5.50	1.94	2.16	2.44	2.00	2.88	2.00	1.88	31.36
1868	1.25	1.06	8.69	3.37	5.31	8.19	2.50	3.61	2.56	1.69	2.87	1.06	42.16
1869	1.68	3.50	3.68	4.94	5.75	8.25	2.62	0.62	1.62	2.81	4.52	2.45	42.44
1870	4.50	1.68	3.31	2.00	2.12	4.06	6.60	.....	.....	.....	.....	.....	.....
1871	1.65	2.50	2.40	2.98	1.92	4.36	3.33	4.30	0.56	0.78	4.67	1.97	31.42
1872	1.20	1.10	1.68	1.90	3.97	2.96	5.76	1.16	3.38	1.45	0.78	2.22	27.56
1873	3.63	1.16	2.51	4.39	2.67	2.32	3.41	2.26	2.37	3.30	2.18	5.32	35.52
1874	3.53	2.78	1.41	3.14	1.61	4.06	2.09	2.43	0.80	0.35	2.99	0.64	25.83
1875	1.67	0.80	1.21	0.92	3.12	3.70	1.31	5.60	2.36	2.54	2.23	2.57	28.03
1876	1.76	2.03	4.10	0.55	3.21	3.58	4.36	2.95	4.36	2.61	2.07	2.97	34.55
1877	1.88	0.08	5.89	2.55	0.65	5.11	0.99	5.85	1.06	4.62	4.88	1.61	35.17
1878	3.47	1.59	1.05	2.29	5.24	2.01	5.35	1.92	2.48	2.52	2.04	2.71	32.67
1879	0.86	1.21	1.42	1.44	2.88	3.24	3.45	1.84	4.55	0.62	4.60	4.16	30.27
1880	3.08	0.99	2.15	5.01	3.74	2.91	6.22	4.65	1.23	3.31	1.74	0.69	35.72
1881	0.54	4.28	1.90	1.76	0.45	7.36	5.45	0.88	5.33	8.49	4.74	4.73	45.91
1882	1.57	2.40	3.02	1.66	4.99	4.51	3.04	3.73	2.08	2.01	2.72	1.30	33.03
1883	1.77	4.28	0.78	1.57	5.69	2.99	4.26	1.51	2.78	3.68	3.03	1.90	34.24
1884	2.61	3.03	2.09	1.57	4.71	2.70	3.66	1.48	1.02	2.14	1.39	2.03	28.43
1885	3.12	0.61	0.63	2.41	5.11	3.36	2.49	3.60	2.17	3.70	3.10	2.89	33.19
1886	2.79	1.32	2.28	2.08	4.50	2.69	0.59	3.13	6.17	1.60	2.77	2.77	32.70
1887	2.21	6.84	1.12	1.57	1.46	3.26	3.13	1.81	3.37	1.82	2.64	2.78	32.01
1888	2.18	0.75	3.63	0.86	3.26	3.69	2.92	1.97	0.68	1.64	3.02	1.26	25.86
1889	1.50	0.97	1.87	1.32	3.93	3.26	1.14	1.59	0.52	0.84	2.28	2.62	21.84
1890	3.39	2.90	1.56	4.05	4.04	2.49	0.86	4.43	2.68	3.93	2.27	1.04	33.64
1891	1.08	3.08	2.27	1.89	0.79	3.39	3.44	1.91	0.84	2.47	4.47	1.49	27.12
1892	0.90	2.12	3.37	2.47	7.42	6.58	3.78	2.40	3.88	0.32	2.27	1.19	36.70
1893	1.05	2.34	1.18	3.17	1.24	2.00	1.36	1.45	0.94	3.49	2.49	3.10	23.81
1894	1.48	1.92	1.26	1.81	5.36	1.76	0.42	0.60	2.50	1.69	1.04	1.50	21.34
1895	2.16	0.34	0.91	2.02	2.30	1.24	1.25	3.75	1.11	0.97	5.03	4.23	25.31
1896	1.19	2.44	2.51	3.30	2.22	2.96	6.65	3.66	4.09	1.20	1.71	1.17	33.10
1897	1.75	1.10	3.25	2.54	3.28	4.07	3.73	1.95	1.22	0.75	5.41	1.30	30.35
1898	2.96	1.65	3.23	1.51	3.02	1.79	3.30	1.82	1.81	2.81	2.21	1.99	28.10
1899	1.97	1.91	3.93	0.92	5.55	1.03	2.27	0.86	2.67	1.50	2.14	2.31	27.06
1900	0.73	4.42	1.57	2.73	2.48	3.41	5.43	2.25	0.82	2.29	2.67	0.78	29.58
1901	1.38	1.13	1.94	2.37	2.85	3.32	2.68	3.91	0.87	1.06	1.25	3.53	26.29
1902	0.72	0.62	2.76	0.86	4.72	6.19	4.01	1.29	6.51	1.98	1.40	2.25	33.31
1903	1.10	3.37	1.67	3.67	1.43	3.87	5.54	6.65	2.71	2.32	1.01	1.74	35.08
1904	3.51	2.53	4.35	1.77	2.69	0.51	2.85	3.20	2.94	1.22	0.04	2.33	27.94
1905	1.70	1.32	1.15	3.23	4.32	4.81	1.85	2.23	2.05	1.10	3.27	1.56	28.59
1906	0.99	0.57	2.08	1.41	2.64	3.51	5.07	2.89	1.33	3.39	2.90	3.49	30.27
1907	3.73	0.22	2.68	2.16	3.05	4.55	3.59	1.84	4.77	2.60	1.63	4.21	35.03
1908	2.80	4.55	3.35	3.07	4.64	2.11	3.43	7.63	0.38	1.34	0.78	1.80	35.88
Mns	2.03	2.07	2.61	2.49	3.50	3.57	3.40	2.85	2.76	2.27	2.68	2.34	32.57

Note—The record after the year 1870 is for the Weather Bureau station.

Vermillion, Erie County
Elevation, 603 feet

1873	2.85	1.20	2.60	4.55	1.51	3.95	8.55	1.22	2.79	2.83	2.40	4.03	38.48
1874	4.51	3.55	1.36	2.96	2.53	2.68	2.97	2.50	2.76	1.56	2.65	1.26	31.29
1875	1.62	1.70	3.35	2.06	3.17	5.62	3.84	3.66	3.90	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1893	.....	.....	.....	3.44	3.78	1.68	3.81	1.90	0.99	3.97	1.97	2.05	.....
1894	2.33	2.47	1.33	1.70	3.35	2.19	1.38	0.17	2.81	3.38	1.63	2.43	25.17
1895	3.03	1.04	1.66	1.89	1.50	1.73	1.25	3.87	1.50	2.01	5.37	4.55	29.40
1896	1.92	2.23	3.62	4.52	1.68	2.37	5.16	3.12	4.41	1.08	1.43	2.25	33.79
1897	3.51	1.53	3.93	1.82	4.29	2.02	4.73	3.06	1.45	0.69	7.05	1.45	35.53
1898	4.37	2.20	4.09	2.15	2.08	5.60	3.21	4.27	3.66	5.02	2.90	2.53	42.08
1899	3.77	1.64	5.86	1.06	5.45	1.99	3.11	1.32	2.33	2.09	1.44	2.93	32.99
1900	2.11	3.80	1.61	1.81	1.54	2.75	6.10	4.14	1.36	1.28	3.31	1.53	31.34
1901	1.64	1.21	2.84	2.34	3.16	2.59	2.39	3.14	1.48	0.74	1.96	.....	.....
Mns	2.88	2.05	2.93	2.52	2.84	2.93	3.88	2.70	2.45	2.24	2.92	2.50	32.84

Note—Values for 1873 to 1875 are for Berlin Heights, about ten miles southwest of Vermillion.

Vickery, Sandusky County
Elevation, 588 feet

1893	.....	.....	.....	4.99	3.47	1.45	4.31	0.40	1.34	4.29	1.95	2.93	.....
1894	1.81	3.01	1.87	1.25	5.77	2.66	1.77	1.41	3.26	3.09	2.05	2.11	30.06
1895	2.85	0.63	1.03	2.13	1.80	1.40	1.37	1.77	1.83	1.78	5.33	4.02	25.94
1896	1.68	2.13	2.61	3.61	2.04	3.24	7.64	2.10	4.60	0.82	1.44	2.02	33.93
1897	2.00	1.12	3.02	2.42	4.04	2.28	2.99	2.03	0.60	0.75	5.76	1.91	28.92
1898	2.57	1.82	3.80	2.04	3.95	2.44	6.75	3.60	2.99	5.28	2.72	2.43	40.39
1899	3.23	1.49	4.87	0.82	5.27	1.96	3.25	1.38	0.85	1.98	1.71	2.18	28.99
1900	1.74	3.94	1.68	1.72	2.36	3.36	5.89	2.72	1.03	1.46	2.58	0.57	29.05
1901	1.39	1.34	2.17	2.57	4.57	3.88	1.71	4.66	1.06	0.75	1.59	3.43	29.12
1902	0.51	0.17	2.75	1.32	3.73	9.20	4.37	1.26	6.42	2.03	1.88	2.35	35.99
1903	1.52	4.19	1.79	4.79	1.68	3.32	5.48	7.14	1.58	2.71	2.02	1.90	38.12
1904	4.90	2.83	4.75	3.09	3.58	2.36	5.92	2.38	2.62	1.38	0.20	1.73	35.74
1905	1.58	1.30	0.90	3.72	6.06	5.35	2.28	1.72	2.56	1.49	2.52	1.79	31.27
1906	0.91	0.62	2.00	1.59	2.37	2.04	5.70	5.96	2.90	4.45	2.52	3.70	34.76
1907	5.75	0.24	4.42	1.79	2.72	5.62	2.87	1.91	4.43	4.70	1.63	3.94	40.02
1908	1.66	3.85	3.85	3.06	2.78	2.73	4.34	4.11	1.20	0.97	0.46	2.03	31.04
Mns	2.27	1.91	2.77	2.56	3.51	3.33	4.16	2.78	2.34	2.37	2.27	2.44	32.71

Upper Sandusky, Wyandot County
Elevation, 854 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1882	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.56	1.90	.....
1883	1.14	7.39	0.48	3.29	6.58	6.21	4.94	1.13	1.44	4.16	2.98	4.06	43.80
1884	2.66	5.51	3.48	1.60	3.71	1.93	5.18	1.37	2.54	2.51	1.57	4.74	36.80
1885	2.67	0.69	1.36	4.10	4.87	4.34	3.50	7.05	3.87	2.23	2.84	2.37	39.89
1886	3.50	0.90	2.04	2.12	3.75	3.02	0.53	3.90	4.17	2.12	3.77	1.85	31.67
1887	2.08	6.54	2.52	2.18	2.84	4.57	1.69	2.19	2.07	1.07	2.69	3.85	34.29
1888	3.83	2.70	4.55	2.75	4.03	2.98	2.84	4.17	1.39	2.38	4.01	1.89	37.52
1889	3.27	1.58	1.28	2.33	5.54	5.75	3.35	2.09	2.68	0.56	2.76	2.52	33.71
1890	3.90	4.96	3.89	3.58	7.19	5.94	2.44	4.15	5.58	3.43	1.86	1.11	48.03
1891	1.68	3.13	3.05	2.07	1.32	3.59	2.81	2.43	0.45	3.26	5.54	2.40	31.73
1892	1.31	2.41	3.71	2.67	6.07	7.34	2.53	2.40	2.55	0.70	3.01	1.56	36.26
1893	2.82	4.37	1.94	5.64	4.36	2.59	2.51	0.94	1.09	5.31	2.19	1.61	35.37
1894	1.81	2.85	**2.30**	**1.70**	2.32	4.16	1.75	0.66	3.34	3.53	2.53	2.06	29.01
1895	3.14	0.56	1.33	2.84	1.12	5.41	2.45	2.76	1.39	1.30	5.72	4.85	32.87
1896	1.62	2.24	3.74	3.19	1.88	5.77	5.93	3.59	4.47	0.53	1.69	2.59	37.24
1897	2.15	2.16	5.63	3.63	5.84	1.93	3.40	1.88	0.25	0.46	6.21	1.71	35.25
1898	4.14	2.24	4.71	2.27	4.66	1.32	4.11	3.78	3.64	4.03	3.50	3.14	41.54
1899	3.20	2.44	4.48	1.14	5.96	2.55	6.08	2.67	1.30	2.16	1.95	3.60	37.53
1900	2.69	4.14	3.25	2.20	3.05	2.57	4.37	5.06	1.98	2.62	2.57	1.35	35.85
1901	1.50	**1.30**	**2.75**	**2.15**	3.40	6.22	2.32	1.84	1.77	0.41	1.30	3.89	28.85
1902	1.55	0.95	3.33	1.81	1.09	8.02	7.05	0.73	4.89	1.81	2.45	**2.70**	36.38
1903	2.40	4.20	3.02	4.60	3.78	**4.50**	2.71	**3.30**	**2.00**	3.10	1.56	2.52	37.69
1904	5.27	3.71	5.68	6.12	4.07	4.87	4.33	2.55	1.60	1.94	0.12	3.13	43.39
1905	1.43	1.68	1.13	3.18	5.51	5.24	4.89	3.23	3.18	2.10	2.24	1.74	35.55
1906	1.37	1.73	4.41	2.12	2.03	2.10	3.81	2.13	2.81	2.98	2.34	3.05	30.88
1907	4.97	0.58	5.51	2.63	3.78	5.22	3.66	1.83	3.98	2.24	1.77	3.37	39.54
1908	1.57	3.94	5.55	3.55	4.29	1.95	3.87	1.96	0.37	1.45	0.32	2.11	30.93
Mns	2.60	2.88	3.27	2.90	3.96	4.23	3.58	2.68	2.49	2.25	2.67	2.65	36.16

Wauseon, Fulton County
Elevation, 780 feet

1871	.....	.....	2.05	3.53	2.80	3.09	4.16	2.97	0.55	0.95	3.45	1.76	.....
1872	1.32	0.82	0.97	1.31	3.72	1.43	7.26	4.26	3.78	1.38	1.87	2.95	31.07
1873	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1874	.....	.....	.....	.....	1.70	5.47	2.59	1.44	0.66	0.93	2.77	0.41	.....
1875	2.14	2.68	3.40	1.53	6.06	6.06	1.60	3.82	2.23	3.42	2.38	2.96	38.28
1876	2.57	6.81	6.52	1.53	6.13	6.36	6.37	2.20	4.12	2.82	2.51	1.64	49.58
1877	2.02	0.12	5.61	3.07	1.14	8.21	3.79	2.74	1.56	4.88	4.02	1.40	38.56
1878	2.14	3.26	3.78	3.21	4.70	2.58	4.28	4.03	1.89	2.42	2.72	2.23	37.24
1879	1.29	1.50	2.88	2.51	3.06	2.82	4.20	2.72	5.29	0.95	5.15	4.32	36.69
1880	3.53	1.48	2.78	4.81	6.25	3.31	4.99	4.72	2.69	2.67	2.54	1.23	41.00
1881	1.77	4.28	3.73	1.55	1.33	8.43	5.03	1.25	2.36	8.92	5.83	3.58	48.06
1882	2.14	2.91	3.43	2.33	4.96	3.18	2.57	3.48	1.35	2.59	2.81	1.81	33.56
1883	1.72	5.11	1.70	1.63	5.97	4.73	6.44	1.67	2.96	4.37	2.88	2.41	41.59
1884	1.93	5.02	2.78	1.42	3.95	2.79	4.20	1.12	1.85	3.01	1.46	3.38	32.91
1885	3.22	1.15	0.62	3.71	5.61	3.83	3.03	4.36	2.14	3.03	2.73	2.57	36.00
1886	2.78	0.84	1.56	3.19	2.69	2.01	0.31	4.86	4.47	1.94	2.66	3.07	30.38
1887	2.36	7.19	1.49	1.52	3.50	3.55	2.87	1.52	1.70	1.97	3.78	2.69	34.14
1888	2.40	1.96	3.64	2.27	3.36	3.52	0.86	1.95	0.84	1.93	3.88	1.88	28.49
1889	2.17	1.77	2.96	1.90	8.22	3.69	4.82	1.54	0.79	0.93	3.67	2.87	35.33
1890	4.14	3.43	3.45	5.29	4.78	3.88	0.48	3.48	3.19	3.76	2.25	1.16	39.29
1891	2.56	4.58	4.45	4.39	1.49	4.21	2.36	3.43	0.86	1.85	5.02	1.91	37.11
1892	1.42	3.56	5.54	5.17	11.40	8.65	2.95	2.38	4.61	0.39	4.38	2.10	52.55
1893	2.47	5.34	3.97	6.06	2.32	3.09	5.06	0.49	2.06	3.31	3.88	4.69	42.74
1894	2.27	4.48	3.17	3.96	4.11	2.33	0.72	0.87	3.74	2.42	1.80	2.17	32.04
1895	2.27	0.76	1.62	2.10	2.75	0.64	0.71	2.82	1.18	1.19	6.30	6.72	29.06
1896	2.20	2.24	2.80	6.65	3.44	4.12	11.01	4.24	4.58	1.20	2.25	1.84	46.57
1897	3.76	1.35	6.66	5.69	3.90	3.33	3.67	1.88	0.76	0.77	5.20	1.88	38.85
1898	4.28	2.75	8.08	2.03	3.76	3.57	4.91	2.24	3.22	3.42	3.39	3.28	44.93
1899	3.90	4.52	5.47	1.19	4.53	1.11	4.52	0.84	2.70	2.50	2.17	3.36	36.81
1900	1.50	5.75	2.17	4.04	4.12	3.01	5.71	2.97	1.61	3.09	4.48	0.93	39.38
1901	2.10	1.38	3.57	2.99	3.67	5.15	2.36	1.93	1.95	2.88	1.61	5.73	35.32
1902	0.71	1.18	4.96	1.30	6.45	7.73	6.24	0.86	7.93	2.07	2.37	3.05	44.85
1903	1.24	4.76	2.51	5.41	2.40	2.77	5.91	4.84	2.48	2.50	1.84	2.27	38.93
1904	4.53	3.23	6.30	2.82	3.32	1.72	3.76	2.97	3.86	1.70	0.16	1.99	36.36
1905	1.66	1.46	1.46	3.48	5.02	6.11	3.57	2.61	1.54	1.85	3.58	1.93	34.27
1906	1.68	0.71	2.43	1.90	1.49	3.27	4.38	4.64	2.81	2.35	3.64	3.99	33.29
1907	3.47	0.32	2.53	1.80	2.72	4.55	3.60	2.75	4.67	2.63	2.01	3.76	34.81
1908	1.61	3.43	2.90	2.79	6.07	3.33	4.39	3.39	0.49	1.02	1.20	2.17	32.79
Mns	2.38	2.92	3.42	3.06	4.13	3.99	3.94	2.71	2.58	2.43	3.10	2.65	37.31

Wellington, Lorain County
Elevation, 856 feet

1893	.....	.....	.....	3.52	7.65	0.63	3.54	2.43	1.11	4.08	2.00	2.19	.....
1894	2.53	3.04	1.91	1.48	4.66	3.04	1.85	0.06	3.27	2.06	2.88	2.16	28.94
1895	2.65	0.82	1.68	2.11	2.31	4.34	1.17	4.94	3.55	1.90	4.75	3.00	33.22
1896	1.42	3.08	2.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1897	0.82	1.75	3.22	2.72	5.42	2.36	2.99	2.32	0.72	0.85	6.87	1.74	31.78
1898	3.62	2.92	3.74	**2.40**	2.42	2.38	8.30	4.50	2.29	3.83	3.09	2.82	42.31
1899	3.24	1.86	4.84	1.44	7.06	1.91	4.15	0.73	2.35	1.98	1.58	2.78	33.92
1900	2.29	4.02	2.23	1.31	1.32	2.32	6.45	3.81	2.81	0.94	3.00	1.08	31.58
1901	1.63	1.85	2.94	2.44	3.62	3.29	3.50	3.63	1.95	0.32	1.36	2.58	29.11
1902	1.51	0.78	2.57	2.45	3.97	10.88	7.09	0.82	5.13	1.69	2.29	2.91	42.09
1903	2.22	3.87	2.62	5.46	2.06	3.27	3.88	3.92	1.98	2.27	1.97	1.63	35.15
1904	4.82	3.57	4.12	3.47	3.71	3.16	6.49	2.74	1.92	1.49	0.35	2.56	38.40
1905	1.53	1.13	1.53	3.45	4.93	2.90	2.41	5.08	3.35	2.28	2.37	1.21	32.17
1906	0.79	1.01	3.00	1.54	1.53	1.95	3.91	3.50	2.27	2.91	2.49	3.59	28.49
1907	5.13	0.43	4.61	2.81	4.20	3.70	2.28	1.14	3.67	4.24	1.42	3.04	36.67
1908	1.53	3.57	4.41	3.27	5.14	1.73	4.53	2.01	0.42	0.98	0.91	2.56	31.06
Mns	2.48	2.25	3.07	2.66	4.00	3.19	4.17	2.78	2.45	2.12	2.49	2.39	34.05

Warren, Trumbull County

Elevation, 900 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1882	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.87	0.78	.....
1883	1.60	6.48	1.29	2.04	6.33	3.19	2.70	2.66	2.72	3.40	2.48	3.60	38.49
1884	1.74	5.41	2.37	1.35	1.76	1.16	6.29	2.91	3.73	2.71	1.52	2.78	33.73
1885	2.72	1.54	0.55	1.53	2.91	4.96	2.58	6.35	2.79	4.23	1.32	1.73	33.21
1886	4.31	0.50	2.73	3.35	2.18	1.92	3.57	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1889	**3.10**	**1.10**	1.15	2.27	2.38	2.95	2.34	2.55	3.15	1.54	1.71	2.48	26.72
1890	2.60	4.15	3.56	3.78	7.24	1.75	2.68	3.84	6.46	6.89	2.45	3.19	48.59
1891	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1892	.....	3.18	3.47	1.37	8.39	.....	.....	.....	.....	.....	.....	.....	.....
1893	**2.60**	6.44	3.68	4.14	6.00	4.68	1.95	2.52	1.37	5.00	1.17	3.11	42.66
1894	2.65	3.02	2.53	3.06	4.36	1.57	3.62	0.03	7.14	2.03	3.15	2.58	35.74
1895	4.30	1.32	2.59	1.40	2.50	3.60	2.24	2.28	2.67	0.51	3.43	5.82	32.66
1896	2.01	3.39	3.65	3.06	1.79	10.78	5.19	2.30	3.81	0.83	2.11	3.39	42.31
1897	2.59	2.97	4.19	2.48	3.98	1.91	8.23	4.68	1.55	0.50	5.73	2.90	41.71
1898	**4.10**	2.81	5.06	1.94	3.20	3.78	3.37	5.43	1.77	4.22	3.58	4.37	43.63
1899	2.98	2.04	2.92	**1.00**	**5.00**	**3.20**	**2.50**	1.75	3.44	2.13	1.61	4.07	32.64
1900	2.52	3.80	2.22	1.44	**3.00**	1.94	6.10	2.80	1.20	1.72	5.80	1.33	33.87
1901	1.89	1.60	3.77	6.61	3.32	5.77	2.93	4.22	6.62	0.67	2.37	4.43	44.20
1902	2.31	1.71	1.72	2.81	3.19	5.41	8.09	1.28	4.18	1.79	1.84	4.46	38.79
1903	2.84	4.51	4.03	2.59	1.23	4.09	5.24	3.94	0.86	1.51	2.71	2.43	35.98
1904	5.55	3.47	5.59	3.83	7.37	0.88	4.13	3.23	1.78	1.42	1.06	2.56	40.87
1905	1.84	1.85	3.54	2.30	3.82	3.96	6.51	4.53	2.96	3.09	2.38	1.87	38.65
1906	1.31	1.05	3.19	2.21	2.01	2.80	5.96	6.01	3.54	4.75	2.77	2.80	38.40
1907	4.01	1.22	6.55	2.31	2.72	3.83	3.76	2.27	3.29	3.05	1.41	2.74	37.16
1908	2.65	5.23	5.77	3.83	6.44	1.54	6.10	2.78	0.44	1.38	1.29	3.82	41.27
Mns	2.83	2.99	3.31	2.64	3.96	3.44	4.37	3.26	3.12	2.54	2.44	3.06	37.96

Note—Values for 1889 and 1890 are for Vienna, about eight miles east of Warren.

Wooster, Wayne County

Elevation, 1,030 feet

1868	.....	.....	.....	.....	.....	.....	.....	.....	3.57	0.52	2.45	0.70	.....
1869	2.30	2.10	4.55	1.80	5.97	5.10	4.60	1.10	5.40	1.80	2.87	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1876	.....	.....	.....	1.01	6.38	4.96	9.12	2.97	5.56	2.95	2.49	1.48	.....
1877	2.43	0.56	7.94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1878	.....	.....	.....	.....	0.45	4.94	.....	.....	.....	.....	.....	.....	.....
1879	.....	.....	.....	.....	0.69	4.95	10.48	.....	.....	.....	.....	3.66	.....
1880	3.45	2.53	1.44	4.32	2.29	4.18	2.75	3.75	2.38	1.17	3.01	3.59	34.86
1881	3.12	4.51	5.01	2.52	2.69	6.14	5.01	0.97	4.12	3.87	3.54	0.50	42.00
1882	2.49	1.75	3.10	0.60	6.26	.....	.....	.....	.....	.....	.....	.....	.....
1883	2.10	5.57	1.58	1.42	5.39	3.41	5.85	2.27	2.95	3.33	2.59	4.39	40.85
1884	3.58	4.02	3.45	0.20	2.13	2.30	3.34	1.71	4.08	1.48	0.98	4.09	31.36
1885	4.69	1.62	1.24	2.16	5.10	.....	.....	.....	.....	.....	.....	.....	.....
1886	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1887	**1.50**	**6.55**	2.71	2.99	3.48	5.78	0.94	1.80	2.08	1.10	2.21	2.68	34.22
1888	3.34	2.43	3.34	2.48	3.82	2.31	4.54	4.35	1.92	3.18	4.95	1.39	38.05
1889	4.33	2.42	2.13	1.58	2.97	4.86	6.73	1.98	4.05	1.36	3.53	3.93	39.87
1890	4.71	6.20	4.37	3.10	6.37	4.92	2.67	4.66	5.13	7.45	2.62	1.74	53.94
1891	**2.97**	**4.83**	3.71	1.66	2.24	7.13	3.24	**2.67**	0.93	1.33	5.73	2.92	39.36
1892	2.67	**2.60**	3.38	2.44	7.69	7.89	4.73	2.69	3.20	0.37	2.06	1.74	41.46
1893	4.01	6.33	1.89	5.66	6.28	2.51	1.38	1.53	1.85	5.15	2.49	1.50	40.58
1894	2.19	3.37	2.36	1.74	4.41	2.23	1.38	0.76	4.25	2.35	2.41	3.15	30.60
1895	3.97	0.41	1.98	1.69	1.38	4.20	2.19	2.30	3.92	1.15	4.21	3.51	30.01
1896	1.73	2.27	3.67	3.34	3.41	3.98	8.05	1.96	5.16	0.71	1.78	3.04	39.10
1897	3.42	2.64	2.81	2.75	4.97	2.98	3.89	3.86	0.29	0.89	5.76	2.50	36.76
1898	4.10	2.27	6.44	2.56	4.60	2.70	6.79	5.53	2.15	4.28	4.14	2.29	47.85
1899	3.29	1.64	3.95	1.28	4.42	1.95	3.73	0.53	5.56	2.21	1.59	2.78	32.93
1900	2.78	2.74	2.25	1.70	2.23	3.71	5.65	5.97	2.19	2.10	4.30	0.99	36.61
1901	1.58	1.20	3.09	2.46	4.32	4.82	3.32	3.58	5.64	0.79	1.62	3.47	35.89
1902	0.63	0.83	2.99	1.55	2.57	5.55	5.26	1.87	3.49	1.52	2.62	4.07	32.95
1903	3.54	3.69	3.29	4.55	1.59	3.69	4.61	6.58	2.07	2.63	2.25	1.95	40.44
1904	5.27	3.90	6.22	6.59	4.45	1.67	4.93	2.03	2.27	0.87	0.40	2.68	41.28
1905	1.83	1.36	2.61	2.51	5.97	7.50	5.14	4.47	5.10	2.32	2.04	2.08	42.93
1906	1.93	1.06	3.57	2.27	2.98	3.81	4.93	7.38	5.16	3.55	2.39	3.79	42.82
1907	6.92	1.09	5.80	2.69	3.48	3.81	3.96	2.04	3.13	2.34	1.33	3.41	40.00
1908	1.96	3.89	5.02	3.64	4.56	2.17	3.44	3.17	0.73	1.22	1.09	3.05	33.94
Mns	3.09	2.89	3.53	2.51	3.92	4.20	4.57	3.02	3.39	2.21	2.74	2.66	38.73

Direction of Prevailing Wind

Stations	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Cleveland	sw.	se.	se.	nw.	se.	se.	se.	se.	se.	se.	se.	sw.	se.
Columbus	sw.	w.	w.	nw.	sw.	sw.	sw.	sw.	s.	s.	sw.	sw.	sw.
Erie, Pa.	sw.	w.	w.	w.	w.	w.	w.	s.	s.	s.	sw.	sw.	s.
Indianapolis, Ind.	w.	nw.	nw.	nw.	s.	sw.	sw.	sw.	s.	s.	nw.	sw.	sw.
Pittsburg, Pa.	w.	nw.	nw.	nw.	nw.	nw.	nw.	nw.	nw.	nw.	w.	w.	nw.
Sandusky	sw.	sw.	sw.	e.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.
Tiffin	sw.	s.	sw.	sw.	sw.	sw.	sw.	w.	sw.	sw.	s.	w.	sw.
Toledo	sw.	sw.	w.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.
Wauseon	sw.	w.	nw.	ne.	s.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.
Wooster	sw.	sw.	sw.	sw.	s.	sw.	s.	s.	s.	s.	sw.	sw.	sw.

Average Number of Days with .01 Inch or More of Precipitation

Stations	Years of record	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Akron	15	12	12	13	11	13	11	11	10	10	9	11	12	135
Bowling Green	15	8	8	9	8	10	7	8	6	6	6	7	9	92
Bucyrus	14	6	6	7	9	11	10	10	7	7	6	6	7	92
Canton	15	15	13	15	13	14	13	12	10	10	10	12	14	151
Cleveland	38	17	15	15	12	14	12	11	10	11	12	14	16	159
Defiance	15	10	10	11	10	12	10	10	7	8	8	10	11	117
Findlay	15	9	8	12	10	12	10	10	8	8	7	8	10	112
Green Hill	15	12	12	12	10	12	12	12	9	8	9	11	11	130
Hiram	15	12	10	11	11	12	10	11	8	8	8	11	12	124
Hillhouse	15	13	12	12	11	13	11	12	9	10	10	12	13	138
Hudson	13	9	9	10	11	12	10	12	10	9	9	11	9	121
Medina	14	9	8	10	10	11	10	11	8	7	7	8	8	107
Montpelier	14	8	7	8	6	10	7	8	5	6	5	6	7	83
Norwalk	15	8	7	10	10	11	10	10	7	7	6	7	9	102
Oberlin	15	10	10	10	9	11	10	10	8	7	7	8	11	111
Ottawa	14	11	9	12	10	12	10	9	9	7	7	9	10	115
Sandusky	32	14	12	13	12	13	12	10	9	9	10	11	13	138
Shenandoah	15	11	11	12	9	11	11	11	8	7	7	9	11	118
Tiffin	15	12	12	13	12	12	12	12	9	9	8	11	13	135
Toledo	28	13	11	13	11	12	11	10	9	9	10	12	13	128
Warren	15	12	12	12	10	11	11	11	9	8	8	11	13	128
Wauseon	15	14	13	15	12	14	12	11	8	11	11	12	14	147
Wooster	25	13	10	13	11	13	11	10	8	8	8	10	11	126

Snowfall

Stations	Years of record	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Akron	18	11.2	9.1	6.0	3.3	0.2	....	....	....	T.	0.1	3.3	9.0	42.2
Bowling Green	16	7.6	8.6	4.8	1.1	T.	....	....	....	....	T.	2.4	7.1	31.6
Bucyrus	12	8.4	7.6	5.9	0.5	T.	....	....	....	....	0.2	1.0	6.4	30.0
Canton	18	9.7	8.0	5.6	4.2	0.3	T.	....	....	T.	0.1	2.7	7.5	38.1
Cleveland	23	10.6	10.1	5.7	1.6	T.	T.	....	....	T.	0.3	3.1	9.6	41.0
Defiance	16	7.2	8.7	4.5	0.5	T.	....	....	....	T.	T.	1.8	8.1	30.8
Findlay	18	8.4	9.1	4.9	0.4	T.	....	....	....	....	T.	1.0	5.8	29.6
Garrettsville	18	12.1	9.8	7.7	4.3	0.1	....	....	....	T.	0.3	4.5	10.6	49.4
Green Hill	17	8.6	7.4	5.1	3.1	T.	....	....	....	T.	0.1	2.0	7.1	33.4
Hillhouse	17	15.0	13.3	7.3	3.2	0.1	....	....	....	T.	1.0	5.7	16.0	61.6
Hiram	18	11.9	10.0	7.2	3.6	0.1	....	....	....	T.	0.1	5.6	10.7	49.2
Medina	15	9.5	7.9	6.6	3.4	0.1	....	....	....	T.	0.3	2.9	9.6	40.3
Montpelier	17	12.0	12.5	4.8	1.3	0.1	....	....	....	T.	T.	3.3	9.9	43.9
Napoleon	16	6.2	6.6	4.9	0.9	0.1	....	....	....	....	T.	1.9	6.6	27.2
Norwalk	16	8.0	8.2	5.5	1.1	T.	....	....	....	....	T.	2.0	7.8	32.6
Oberlin	17	10.2	9.2	4.7	1.2	T.	....	....	....	....	0.2	2.5	7.4	35.4
Ottawa	15	9.3	6.6	5.4	0.2	T.	....	....	....	....	T.	1.5	7.2	30.2
Rocky Ridge	15	6.9	7.0	4.3	0.4	T.	....	....	....	....	T.	1.6	6.4	26.6
Sandusky	25	8.5	7.1	3.7	1.3	T.	....	....	....	....	T.	1.1	5.5	27.2
Shenandoah	16	7.8	6.5	5.8	2.1	T.	....	....	....	....	T.	2.5	5.8	30.5
Tiffin	18	10.6	10.0	7.2	0.8	T.	....	....	....	....	T.	1.6	8.4	38.6
Toledo	24	8.5	8.0	5.0	1.5	T.	....	....	....	....	T.	1.3	7.2	31.5
Warren	17	13.0	12.1	7.5	5.4	T.	....	....	....	T.	0.5	3.6	12.2	54.3
Wauseon	18	11.6	11.8	7.4	1.7	0.2	....	....	....	T.	T.	3.1	10.6	46.4
Wooster	18	10.8	7.2	4.8	2.4	T.	....	....	....	....	T.	2.0	7.2	34.4

Monthly and Annual Mean Temperatures

Akron	22	27.3	25.8	36.6	47.8	59.4	68.2	72.3	69.9	64.3	51.6	40.0	30.8	49.5
Benton Ridge	16	27.3	25.1	38.6	49.3	61.0	69.6	74.1	71.6	65.9	53.1	40.4	29.8	50.5
Bowling Green	16	26.1	23.0	37.4	48.0	59.7	68.0	72.9	70.5	65.2	52.3	39.3	28.6	49.2
Bucyrus	16	27.1	23.7	37.9	48.6	60.7	68.8	73.6	71.0	65.4	51.6	39.1	29.3	49.7
Canton	26	27.0	26.9	36.5	48.1	59.7	68.6	72.2	69.6	64.0	51.5	39.9	31.0	49.6
Cleveland (W. B.)	38	26.7	26.8	34.5	45.8	57.9	67.1	71.7	70.0	64.1	52.8	40.2	30.9	49.0
Cleveland (Hyde)	50	27.1	27.9	34.7	46.7	58.3	67.7	71.9	69.6	63.4	52.1	40.4	31.3	49.3
Cleveland (St. Ig. Col.)	13	27.4	24.2	37.0	45.9	58.3	67.2	72.8	70.3	64.7	53.0	41.0	29.1	49.2
Defiance	15	26.2	23.4	37.8	48.1	60.3	68.4	73.1	71.1	65.2	53.0	39.5	29.0	49.6
Findlay	20	26.9	26.2	37.8	49.2	60.4	69.9	74.2	71.9	65.9	52.7	40.1	30.7	50.5
Garrettsville	24	25.1	24.0	34.5	45.9	56.9	65.4	69.6	67.0	61.5	49.3	38.6	29.2	47.2
Green Hill	16	26.1	23.5	37.5	46.5	58.1	66.2	70.7	68.7	63.3	50.8	38.6	28.9	48.2
Hedges	14	26.5	22.8	38.4	48.9	60.0	68.4	73.3	70.8	65.7	52.5	39.4	28.5	49.6
Hillhouse	16	25.4	21.8	34.9	44.8	56.9	65.2	70.6	68.2	63.4	51.6	39.2	28.9	47.6
Hudson	15	26.0	23.4	36.5	46.5	59.7	67.5	72.3	69.7	64.0	51.5	39.6	27.5	48.7
Medina	15	26.3	23.7	37.3	47.5	59.7	67.6	72.4	70.7	65.2	52.2	40.8	28.9	49.4
Montpelier	17	23.3	22.6	34.7	47.7	58.8	67.9	72.4	70.0	63.8	51.1	37.8	28.0	48.2
Napoleon	16	26.4	23.1	38.1	48.5	60.0	68.5	73.0	71.1	65.3	53.0	40.1	29.4	49.7
North Royalton	16	26.0	23.1	36.9	47.0	58.5	67.6	72.4	70.4	65.3	52.9	39.8	29.2	49.1
Norwalk	15	26.9	23.5	37.6	47.3	60.1	68.2	72.9	70.5	65.1	52.9	40.5	30.3	49.6
Oberlin	26	25.8	25.8	35.7	47.3	58.8	67.9	72.4	69.4	64.1	51.8	39.9	30.5	49.1
Orangeville	18	25.1	23.7	36.2	46.6	58.5	67.0	70.9	68.6	62.6	50.4	38.3	29.1	48.1
Ottawa	15	27.2	25.0	38.7	49.6	61.0	69.3	73.8	72.1	65.9	53.1	41.0	29.5	50.5
Rocky Ridge	14	26.3	23.6	36.9	47.9	60.5	68.7	73.9	71.9	66.5	53.5	40.5	29.7	50.0
Sandusky	32	26.9	27.1	35.7	47.2	59.1	68.6	73.6	71.7	65.8	53.9	41.1	31.5	50.2
Shenandoah	16	26.1	23.1	37.0	47.0	58.8	67.1	72.0	69.9	64.4	51.7	38.8	28.8	48.7
Tiffin	23	27.3	26.6	36.9	48.8	60.2	69.5	73.6	70.9	65.0	52.1	40.4	31.1	50.2
Toledo	38	26.1	26.7	35.4	47.4	59.2	68.8	73.2	70.9	64.5	52.6	39.8	30.1	49.5
Upper Sandusky	26	26.8	27.4	37.3	49.9	60.6	69.7	73.8	71.0	65.8	53.2	41.0	31.1	50.6
Vickery	15	26.9	23.7	37.5	47.7	59.6	68.3	73.2	71.0	65.5	52.8	40.0	29.9	49.7
Warren	16	26.4	25.2	37.2	46.8	58.6	67.5	72.3	69.8	64.2	51.4	40.3	29.8	49.1
Wauseon	39	23.6	24.7	34.5	47.1	58.9	68.6	72.8	70.3	63.6	51.0	37.1	27.7	48.3
Wellington	14	27.6	24.9	38.4	48.0	60.2	68.5	73.5	71.2	66.3	53.2	40.5	30.6	50.2
Wooster	24	26.5	25.8	36.5	47.7	58.6	67.8	71.4	68.9	63.7	51.1	39.8	30.8	49.0
Youngstown	14	27.1	29.0	35.8	49.3	59.7	69.4	72.3	69.0	63.2	50.2	40.2	31.7	49.7

Highest Temperatures by Months

Stations	Years of record	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Akron	22	73	67	80	87	94	95	98	96	96	87	73	65	98
Bowling Green	15	72	67	81	88	97	101	104	98	99	90	76	64	104
Bucyrus	15	76	72	80	90	96	98	105	100	100	90	80	66	105
Canton	25	71	69	78	88	94	98	99	96	93	88	75	67	99
Cleveland (W. B.)	38	71	72	79	87	92	96	97	99	98	87	74	68	99
Cleveland (Hyde)	22	69	69	79	90	90	92	96	94	93	85	74	66	96
Defiance	15	69	68	83	91	98	101	100	101	98	92	78	66	101
Findlay	18	74	68	84	91	97	100	104	101	102	94	80	67	104
Garrettsville	18	74	68	81	87	93	94	98	97	96	89	73	67	98
Green Hill	16	72	68	83	88	98	104	102	97	99	90	75	67	104
Hedges	14	70	64	82	91	98	101	105	103	100	90	75	67	105
Hillhouse	16	71	68	82	88	91	95	100	96	95	89	75	68	100
Hudson	13	71	66	82	88	92	95	100	97	98	90	76	65	100
Medina	14	72	65	82	86	96	98	99	98	99	93	75	64	99
Montpelier	17	61	63	78	86	95	97	100	97	96	89	74	62	100
Napoleon	17	70	68	81	90	98	102	104	97	98	91	75	67	104
North Royalton	16	71	65	80	88	94	95	102	98	97	93	72	64	102
Norwalk	15	72	67	82	92	98	103	102	99	100	90	76	64	103
Oberlin	25	73	66	81	93	95	98	101	100	98	91	74	65	101
Orangeville	16	75	65	81	87	93	94	98	95	96	86	72	69	98
Ottawa	14	71	65	84	90	96	100	102	102	98	90	74	69	102
Rocky Ridge	14	73	68	81	91	98	99	104	100	100	91	75	68	104
Sandusky	32	72	70	80	89	93	96	100	98	96	90	76	70	100
Shenandoah	16	70	64	79	89	96	97	100	97	97	90	76	64	100
Tiffin	18	71	65	79	88	94	96	98	95	95	86	74	64	98
Toledo	38	71	67	80	88	95	99	99	97	95	90	74	70	99
Upper Sandusky	25	72	66	80	89	95	97	101	98	101	92	79	65	101
Vickery	15	73	71	81	92	93	98	103	98	98	92	75	64	103
Warren	18	74	68	82	88	97	101	100	98	97	89	75	72	101
Wauseon	39	70	64	81	91	103	100	104	102	100	94	94	70	104
Wellington	14	71	67	81	89	92	96	102	97	98	88	75	64	102
Wooster	24	72	65	82	92	97	98	100	96	98	92	72	64	100

Lowest Temperatures by Months

Stations	Years of record	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Akron	22	−14	−20	− 2	16	30	37	41	40	32	21	4	− 8	−20
Bowling Green	15	−20	−18	− 2	17	27	32	41	36	26	13	3	−13	−20
Bucyrus	15	−15	−28	− 6	15	25	34	44	42	28	12	4	−12	−28
Canton	25	−18	−20	− 7	17	28	38	44	42	30	18	0	−11	−20
Cleveland (W. B.)	38	−17	−16	− 4	15	28	38	46	46	36	24	0	−12	−17
Cleveland (Hyde)	22	−14	−18	− 5	11	30	37	48	44	35	24	6	− 8	−18
Defiance	15	−18	−17	− 3	15	25	36	43	41	26	14	4	−10	−18
Findlay	18	−19	−19	− 3	17	27	33	44	40	24	15	5	−11	−19
Garrettsville	18	−26	−24	− 8	10	22	32	38	35	25	16	3	−16	−26
Green Hill	16	−23	−25	−11	9	21	32	37	37	25	15	2	−18	−25
Hedges	14	−21	−20	− 4	16	24	35	41	39	24	7	5	−14	−21
Hillhouse	16	−16	−24	− 9	6	15	29	38	39	26	16	2	−11	−24
Hudson	13	−20	−22	− 8	10	24	35	38	39	26	19	6	−14	−22
Medina	14	−19	−23	−10	10	24	34	39	41	29	16	0	−14	−23
Montpelier	17	−25	−18	− 5	17	26	37	42	38	28	13	0	−15	−25
Napoleon	17	−19	−22	− 1	13	28	36	40	41	26	14	4	−11	−22
North Royalton	16	−18	−20	− 5	14	27	30	43	42	31	20	10	−11	−20
Norwalk	15	−22	−22	− 3	16	19	29	34	35	23	12	5	−13	−22
Oberlin	25	−18	−20	− 9	15	25	31	43	38	29	20	2	−14	−20
Orangeville	16	−28	−26	−10	15	20	32	36	38	23	15	3	−16	−28
Ottawa	14	−20	−20	− 2	17	27	38	43	43	29	13	8	−12	−20
Rocky Ridge	14	−19	−18	− 3	18	27	37	44	43	29	19	8	−12	−19
Sandusky	32	−16	−15	− 3	14	32	40	52	48	36	24	0	−13	−16
Shenandoah	16	−21	−23	− 5	13	26	30	42	42	29	15	4	−14	−23
Tiffin	18	−16	−17	− 1	19	31	36	47	45	32	19	10	− 8	−17
Toledo	38	−16	−16	− 3	12	30	41	49	44	30	21	5	−15	−16
Upper Sandusky	25	−22	−22	− 3	16	25	35	40	42	30	17	−1	−19	−22
Vickery	15	−17	−20	− 2	18	27	35	40	41	31	20	7	−10	−20
Warren	18	−22	−20	−10	15	24	34	40	34	26	20	8	−10	−22
Wauseon	39	−32	−24	−17	5	21	34	41	38	25	12	−8	−32	−32
Wellington	14	−16	−18	− 2	16	25	31	39	41	31	20	8	−11	−18
Wooster	24	−21	−21	− 5	12	25	35	40	37	28	16	−6	−11	−21

Mean Relative Humidity

Stations		January	February	March	April	May	June	July	August	September	October	November	December	Annual
		%	%	%	%	%	%	%	%	%	%	%	%	%
Cleveland, Ohio*	8 a. m.	79	79	78	71	74	75	75	76	77	75	77	77	77
	8 p. m.	76	75	74	68	66	67	65	66	68	69	73	73	70
Columbus, Ohio*	8 a. m.	84	82	80	74	75	77	76	79	80	81	82	83	79
	8 p. m.	77	74	69	61	61	63	59	61	62	64	70	76	66
Erie, Pa.*	8 a. m.	82	83	81	73	74	74	71	72	74	74	76	80	76
	8 p. m.	79	81	78	72	72	72	68	69	71	71	73	76	74
Indianapolis, Ind.*	8 a. m.	83	80	78	72	73	75	71	76	77	78	79	80	77
	8 p. m.	76	74	68	61	62	61	58	58	60	59	67	73	65
Pittsburg, Pa.*	8 a. m.	80	80	78	73	74	75	75	78	79	78	78	78	77
	8 p. m.	74	72	68	62	62	64	62	61	63	63	68	72	66
Sandusky, Ohio*	8 a. m.	82	81	79	73	72	75	73	73	75	74	78	80	76
	8 p. m.	78	77	74	67	67	69	65	66	67	68	73	74	70
Toledo, Ohio*	8 a. m.	85	84	80	74	74	75	75	77	79	79	81	84	79
	8 p. m.	78	76	72	64	64	65	62	64	66	68	72	76	69

* 75th meridian time.

Average Hourly Wind Movement (in miles)

Cleveland, Ohio	13	13	13	12	10	9	9	9	10	12	14	14	11
Columbus	9	10	10	9	8	7	7	6	7	8	9	9	8
Erie, Pa	13	12	12	11	10	8	9	8	10	11	13	13	11
Indianapolis, Ind	12	12	12	11	10	9	8	7	8	9	10	12	10
Pittsburg, Pa.	8	8	8	7	6	6	5	5	5	6	7	8	7
Sandusky, Ohio	11	11	12	11	10	9	8	8	9	10	11	11	10
Toledo, Ohio	11	11	11	11	9	8	8	8	9	9	11	11	10

Frost Data

Stations	Years of record	Average date of first killing frost in autumn	Average date of last killing frost in spring	Earliest date of killing frost in autumn	Latest date of killing frost in spring
Akron	18	October 9	April 27	September 26	May 21
Bowling Green	17	October 2	May 10	September 14	June 6
Bucyrus	15	October 3	May 9	September 14	May 31
Canton	18	October 5	April 27	September 15	May 21
Cleveland	38	October 31	April 16	October 2	May 22
Defiance	15	September 29	May 7	September 14	May 31
Findlay	18	October 4	May 3	September 14	May 31
Garrettsville	22	September 29	May 18	September 14	June 9
Green Hill	17	September 28	May 16	September 14	June 2
Hedges	15	September 30	May 13	September 14	June 7
Hillhouse	17	October 3	May 18	September 16	June 21
Hudson	15	October 2	May 8	September 16	May 29
Medina	15	October 6	May 9	September 15	May 29
Montpelier	17	September 30	May 2	September 14	May 28
Napoleon	21	October 5	May 4	September 15	May 31
New Waterford	14	October 1	May 9	September 16	May 29
North Royalton	17	October 11	May 2	September 22	May 29
Norwalk	16	October 5	May 10	September 14	June 6
Oberlin	17	October 7	May 7	September 22	June 6
Orangeville	19	September 30	May 17	September 14	June 9
Ottawa	16	October 3	May 1	September 14	May 22
Rocky Ridge	15	October 6	May 6	September 14	May 29
Sandusky	32	October 26	April 14	October 8	May 3
Shenandoah	17	October 3	May 9	September 14	June 6
Tiffin	22	October 3	May 5	September 14	June 6
Toledo	38	October 15	April 24	September 9	May 29
Upper Sandusky	18	October 4	May 4	September 14	June 6
Vickery	17	October 5	May 9	September 15	June 6
Warren	16	October 2	May 12	September 15	May 29
Wauseon	40	September 27	May 12	September 2	June 1
Wellington	15	October 7	May 9	September 21	June 6
Wooster	24	October 3	May 7	September 14	May 28

HYDROGRAPHIC DATA FOR SECTION 69

Summary of Climatological Data for the United States

COMPILED FROM THE RECORDS OF THE UNITED STATES GEOLOGICAL SURVEY

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PRELIMINARY NOTE: Only the broader facts concerning the rivers are here given. Information in more detail can be procured on application to the Director, United States Geological Survey, Washington, D. C.

This Section comprises the headwaters of Mahoning River, which stream flows into Ohio River, on the east, and various streams flowing into Lake Erie from the Pennsylvania State line to the westerly end of the lake.

Mahoning River rises in the northwesterly part of Columbiana County, Ohio, flowing northward and thence southeastward, and entering Ohio River, at Beaver, Pa. This river flows through a hilly and important territory. There are numerous water-power developments on it, and it forms an important adjunct in the water supply and sewage disposal of numerous towns along its course. Among these towns is Youngstown, Ohio, where a United States Geological Survey gaging station is maintained.

The Maumee River system, which is the most important in this section flowing into Lake Erie, has the greater part of its drainage area within the State of Ohio. This river appears to have formerly flowed southwestward to the Wabash River, the northeast outlet of Lake Erie being at that time occupied by the ice sheet. Upon the withdrawal of the ice sheet from the St. Lawrence Basin, the glacial lake which occupied the westerly end of the Lake Erie Basin lowered itself to the level of the new outlets that were formed, and thus ceased to flow to the Wabash. The mouth of the old lake being near the point where the St. Mary and St. Joseph rivers had their discharge, and being higher than the portion of the basin toward the east and the portion of the outlet toward the west, there was a natural summit formed upon the withdrawal of the lake, from which the waters of the St. Joseph and St. Mary rivers were free to flow either to the east or to the west. By some accident of deposition or of slope, the stream found it easier to turn eastward than to maintain its original course westward, and thus the Lake Erie drainage basin embraces this system as well as those which have been formed in the old lake bottom or were tributary to the old lake.

Maumee River has a length of about 150 miles and a fall of 164 feet, the source being 737 feet and the mouth 573 feet above tide. It is not in itself a navigable stream, but is followed closely by the Wabash and Erie Canal, which for many years afforded means of water transportation.

The following tables show in a general way the stream flow which can be expected to prevail for a given month of an average year. Opposite each month is given: first, the maximum flow for a 24-hour period which has been observed during the period covered by the table; second, the minimum flow for a 24-hour period which has been observed during the period covered by the table; third, the mean flow for that month during the entire period covered by the table. The two remaining columns are computed from the third column of mean monthly discharge. Column 4 gives the mean flow for the entire period in cubic feet per second per square mile, on the assumption of a uniform rate of discharge from each square mile of the drainage area. Column 5 gives the depth in inches to which the entire drainage area would be covered in an average month, if all the water flowing from it during that month were conserved and uniformly distributed on the surface. It is used for comparing run-off with rainfall, which is usually expressed in depth in inches.

Monthly Discharge of Mahoning River near Youngstown, Ohio, for 1903–1906

[Drainage area 958 square miles]

Month	Discharge in cubic feet per second				
	Maximum	Minimum	Mean	Per square mile	Depth in inches on drainage area
January	4,330	136	763	.796	.92
February	1,580	80	386	.403	.42
March	13,100	406	3,530	3.68	4.24
April	19,400	286	1,480	1.54	1.72
May	12,500	51	855	.892	1.03
June	15,600	52	905	.945	1.05
July	1,230	8	545	.569	.66
August	8,140	0	700	.731	.84
September	3,470	0	594	.620	.69
October	1,700	0	406	.424	.49
November	5,260	8	650	.678	.76
December	5,520	0	659	.688	.79
The period	19,400	0	956	.997	13.61

Monthly Discharge of Maumee River near Waterville, Ohio, for December, 1898–January, 1902

[Drainage area, 6,110 square miles]

Month	Discharge in cubic feet per second				
	Maximum	Minimum	Mean	Per square mile	Depth in inches on drainage area
January	33,200	480	6,140	1.00	1.15
February	26,800	580	5,990	.980	1.02
March	42,800	2,240	15,400	2.52	2.90
April	14,000	1,020	5,940	.972	1.08
May	22,800	200	2,020	.331	.38
June	15,200	150	2,700	.442	.49
July	14,200	3	1,630	.267	.31
August	4,940	5	657	.108	.12
September	990	5	109	.018	.02
October	1,020	5	112	.018	.02
November	9,700	10	1,080	.177	.20
December	32,100	10	3,660	.599	.69
The period	42,800	3	3,790	.619	8.38

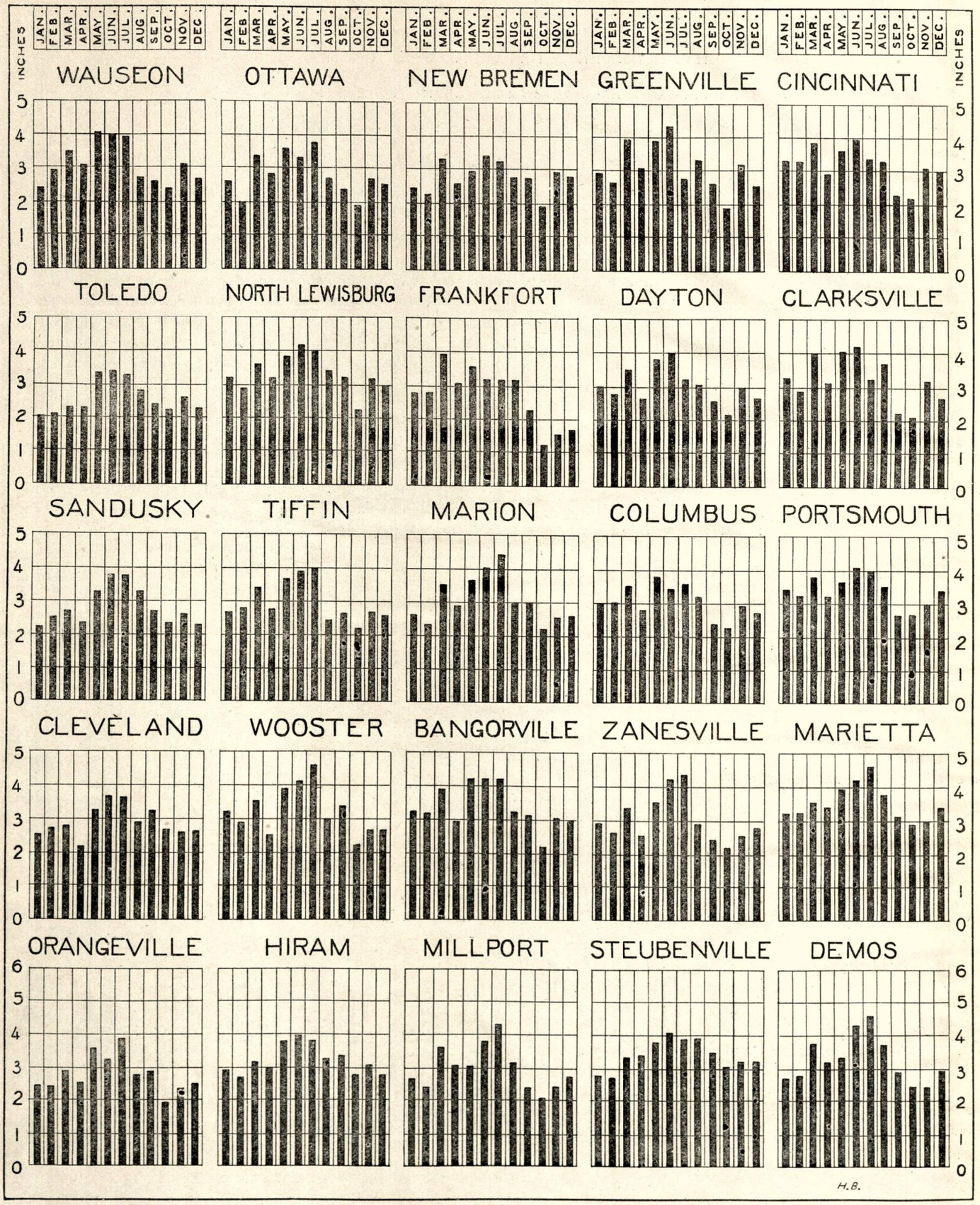

FIG. 1—Diagram showing the comparative monthly distribution of precipitation in Ohio.

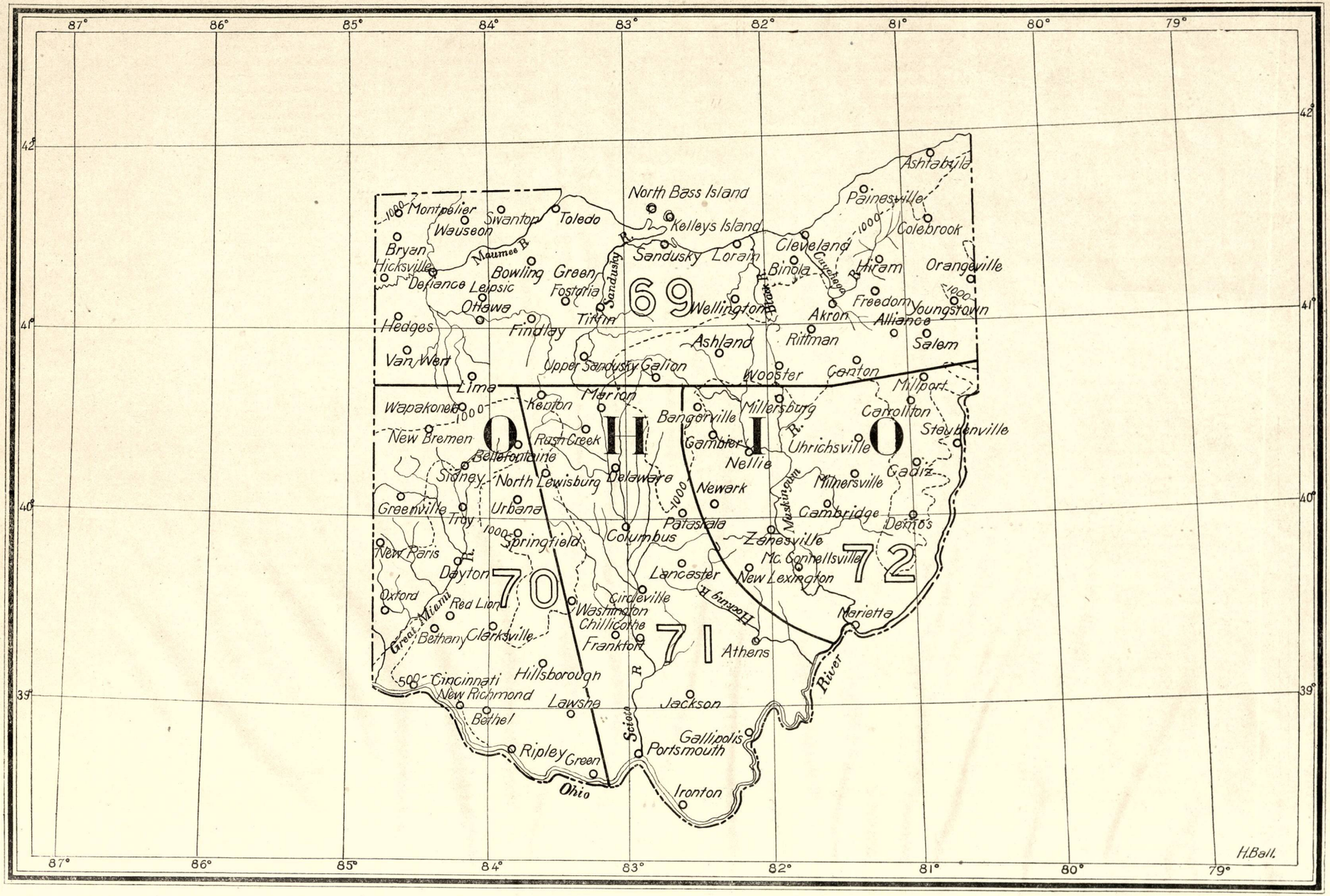

FIG. 2—Chart showing the boundaries of sections, location of principal reporting stations, river systems, and general elevation above sea level.

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